



Postgraduate Diploma Web 3.0: The Foundation of the Metaverse

» Modality: online

» Duration: 6 months

» Certificate: TECH Technological University

» Dedication: 16h/week

» Schedule: at your own pace

» Exams: online

 $We b site: {\color{blue}www.techtitute.com/in/school-of-business/postgraduate-diploma/postgraduate-diploma-web-3-0-foundation-metaverse}$

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01 **Welcome**

In 2018 Steven Spielberg released to the big screen Ready Player One, a feature film based on the existence of a virtual platform where players could interact, achieve goals, earn money and even live from it in the real world. Although at the time this movie revolutionized cinema for its imaginative and innovative character, the truth is that this reality is getting closer and closer with the development and sudden growth of the Multiverse and Web 3.0. The evolution of this industry has materialized in exorbitant profits, which have placed its investors at the top of the business sector. For this reason and thanks to its intensive and comprehensive nature, this program is the key for the graduate to also reach the highest level with their business in the virtual world, through a program that will provide them with the latest and most effective information to develop their business plan based on the demands of today's digital and global market.









tech 08 | Why Study at TECH?

At TECH Technological University



Innovation

The university offers an online learning model that balances the latest educational technology with the most rigorous teaching methods. A unique method with the highest international recognition that will provide students with the keys to develop in a rapidly-evolving world, where innovation must be every entrepreneur's focus.

"Microsoft Europe Success Story", for integrating the innovative, interactive multi-video system.



The Highest Standards

Admissions criteria at TECH are not economic. Students don't need to make a large investment to study at this university. However, in order to obtain a qualification from TECH, the student's intelligence and ability will be tested to their limits. The institution's academic standards are exceptionally high...

95%

of TECH students successfully complete their studies



Networking

Professionals from countries all over the world attend TECH, allowing students to establish a large network of contacts that may prove useful to them in the future.

+100000

+200

executives prepared each year

different nationalities



Empowerment

Students will grow hand in hand with the best companies and highly regarded and influential professionals. TECH has developed strategic partnerships and a valuable network of contacts with major economic players in 7 continents.

+500

collaborative agreements with leading companies



Talent

This program is a unique initiative to allow students to showcase their talent in the business world. An opportunity that will allow them to voice their concerns and share their business vision.

After completing this program, TECH helps students show the world their talent.



Multicultural Context

While studying at TECH, students will enjoy a unique experience. Study in a multicultural context. In a program with a global vision, through which students can learn about the operating methods in different parts of the world, and gather the latest information that best adapts to their business idea.

TECH students represent more than 200 different nationalities.



Learn with the best

In the classroom, TECH's teaching staff discuss how they have achieved success in their companies, working in a real, lively, and dynamic context. Teachers who are fully committed to offering a quality specialization that will allow students to advance in their career and stand out in the business world.

Teachers representing 20 different nationalities.



At TECH, you will have access to the most rigorous and up-to-date case analyses in academia"

Why Study at TECH? | 09 tech

TECH strives for excellence and, to this end, boasts a series of characteristics that make this university unique:



Analysis

TECH explores the student's critical side, their ability to question things, their problem-solving skills, as well as their interpersonal skills.



Academic Excellence

TECH offers students the best online learning methodology. The university combines the Relearning method (postgraduate learning methodology with the best international valuation) with the Case Study. Tradition and vanguard in a difficult balance, and in the context of the most demanding educational itinerary.



Economy of Scale

TECH is the world's largest online university. It currently boasts a portfolio of more than 10,000 university postgraduate programs. And in today's new economy, **volume + technology = a ground-breaking price**. This way, TECH ensures that studying is not as expensive for students as it would be at another university.





tech 12 | Why Our Program?

This program will provide you with a multitude of professional and personal advantages, among which we highlight the following:



A Strong Boost to Your Career

By studying at TECH, students will be able to take control of their future and develop their full potential. By completing this program, students will acquire the skills required to make a positive change in their career in a short period of time.

70% of students achieve positive career development in less than 2 years.



Develop a strategic and global vision of the company

TECH offers an in-depth overview of general management to understand how each decision affects each of the company's different functional fields.

Our global vision of companies will improve your strategic vision.



Consolidate the student's senior management skills

Studying at TECH means opening the doors to a wide range of professional opportunities for students to position themselves as senior executives, with a broad vision of the international environment.

You will work on more than 100 real senior management cases.



You will take on new responsibilities

The program will cover the latest trends, advances and strategies, so that students can carry out their professional work in a changing environment.

45% of graduates are promoted internally.



Access to a powerful network of contacts

TECH connects its students to maximize opportunities. Students with the same concerns and desire to grow. Therefore, partnerships, customers or suppliers can be shared.

You will find a network of contacts that will be instrumental for professional development.



Thoroughly develop business projects.

Students will acquire a deep strategic vision that will help them develop their own project, taking into account the different fields in companies.

20% of our students develop their own business idea.



Improve soft skills and management skills

TECH helps students apply and develop the knowledge they have acquired, while improving their interpersonal skills in order to become leaders who make a difference.

Improve your communication and leadership skills and enhance your career.



You will be part of an exclusive community

Students will be part of a community of elite executives, large companies, renowned institutions, and qualified teachers from the most prestigious universities in the world: the TECH Technological University community.

We give you the opportunity to study with a team of world-renowned teachers.





tech 16 | Objectives

TECH makes the goals of their students their own goals too. Working together to achieve them.

This **Postgraduate Diploma in Web 3.0: The Foundation of the Metaverse** will enable students to:



Generate specialized knowledge on Web 3.0



Substantiate the importance of the values and principles that support Web 3.0



Analyze the digital universe and its potential





Analyze the evolution of Web up to Web 3.0



Explore technology opportunities by solving needs



Examine technology layers of Web 3.0 and their function



Decipher business opportunities for users and organizations



09

Navigate from Web 3.0 to the Metaverse



Determine the role of users in the progress of Web 3.0



Examine each of the components that make up a Metaverse



Analyze existing technology and its application in the metaverse



Determine the barriers and potential for VR and Al



Develop a Metaverse from the available tools and components



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Establish Web 3.0 as the main component for the creation of a Metaverse



Examine the legislation underlying the Metaverses



Analyze the different types of digital identity that support a Metaverse



Specify why three key aspects of the Metaverse can turn it into a multiactivity scenario





Develop the Metaverse components in real case studies

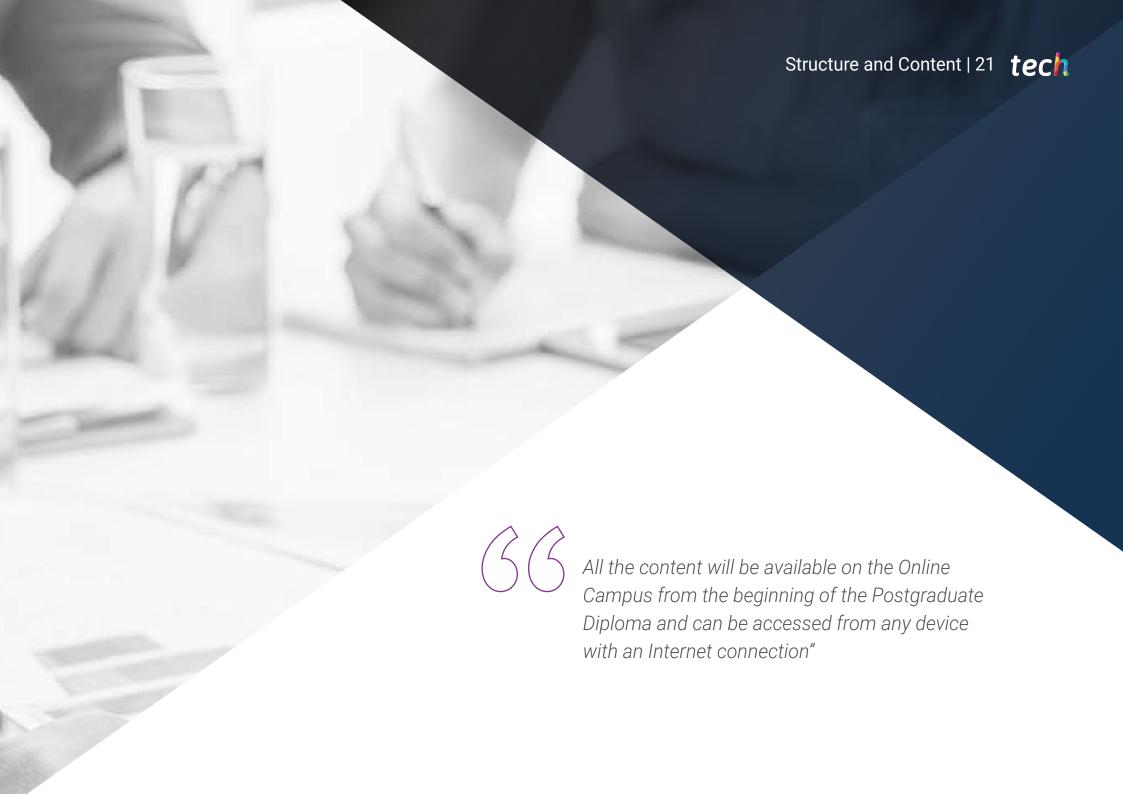


Establish the relevance of avatars as a starting point in a Metaverse



Understand the competitive advantages of trading in the Metaverse over other sales channels





tech 22 | Structure and Content

Syllabus

The syllabus of this Postgraduate
Diploma in Web 3.0: The Foundation
of the Metaverse has been developed
based on the current requirements of the
business sector, adapting its contents
to the demands of labor demand. In this
way, TECH guarantees a highly enabling
educational experience in which, in addition
to acquiring the most comprehensive and
specialized knowledge, the graduate will be
prepared to immediately enter the market
of the virtual environment.

And it is that through the 450 hours of qualification will be able to delve into the intricacies of the web and the leap that have given the digital scenarios with the migration from 2.0 to 3.0. It will also focus on economic management through cryptocurrencies and NFTs, with special emphasis on International Legislation and regulations to be taken into account when undertaking a project of this type. Finally, the program includes the latest information related to the business models

that have obtained the best results so far. In this section the graduate will be able to study use cases, being able to implement the techniques used by industry giants to their business strategies.

In this way they will acquire a very high degree of specialization, at the level of the best experts in this field. In addition, including this program on your resume will open the door to a more prosperous and successful future in which you will be able to achieve even your most ambitious career goals. It is, therefore, a unique educational opportunity to become the next Mark Zuckerberg in just 6 months of specialization and in a 100% online modality.

This program takes place over 6 months and is divided into 3 modules:

Module 1 Web 3.0 Metaverse Database

Module 2 The Metaverse

Module 3 Business Models. Metaverse Case Studies



Where, When and How is it Taught?

TECH offers the possibility of developing this Postgraduate Diploma in Web 3.0: The Foundation of the Metaverse completely online. Throughout the 6 months of the educational program, you will be able to access all the contents of this program at any time, allowing you to self-manage your study time.

A unique, key, and decisive educational experience to boost your professional development and make the definitive leap.

tech 24| Structure and Content

Module 1. Web 3.0 Metaverse Database								
1.1. 1.1.1. 1.1.2. 1.1.3.	9	1.2. 1.2.1. 1.2.2. 1.2.3.	From Web 2.0 to Web 3.0 Interaction and Social Nature of the Internet Decentralization and Omnipresence Paradigm Semantic Web and Artificial Intelligence		Web 3.0. Good Practices Security and Privacy Transparency and Decentralization Speed and Accessibility		Web 3.0. Applications Siri and Other New Virtual Assistant Models Wolfram Aplpha or the Web 3.0 Alternative to Google Second Life. Advanced 3D Environments	
1.5.1. 1.5.2. 1.5.3.	Technology Companies' Role in Web 3.0 From Facebook to Meta Hyperfinancing and CEO-Less Companies "Metaverse Standards Forum" and Web 5.0	1.6. 1.6.1. 1.6.2. 1.6.3.	Web 3.0 Regulations and Compliance Web 3.0 End-Users User and Organization Business Models Regulations and Compliance	1.7. 1.7.1. 1.7.2. 1.7.3.	Web 3.0 in Business. Impact Impact of Web 3.0 on Business Social Relationship Between Brands and Users. New Environment E-Commerce, Next level	1.8.1. 1.8.2.	Change to Web 3.0. New Social Relationship Environment between Brands and Users Fraud and Associated Risks New Social Relationship Environment between Brands and Users Environmental Impact	
1.9. 1.9.1. 1.9.2. 1.9.3.	9	1.10.1 1.10.2	No Web 3.0, No Metaverse Web 3.0 and Metaverse Virtual Environment: Exponential Technologies Web 3.0, Connection with the Physical World: Success					

2.1.2.1.1.2.1.2.2.1.3.	Metaverse Economy: Cryptocurrencies and Non Fungible Tokens (NFTs) Cryptocurrencies and NFTs. Foundation of the Metaverse Economy Digital economy Interoperability for a Sustainable Economy	2.2.1. 2.2.2. 2.2.3.	Metaverse & Web 3.0 in the Cryptocurrency Space Metaverse & Web 3.0 Decentralized Technology Blockchain, Web 3.0 Basis and Metaverse	2.3.1. 2.3.2. 2.3.3.	Artificial Intelligence	2.4.1. 2.4.2.	Corporate Governance: Metaverse International Legislation FED Metaverse Legislation Mining
2.5. 2.5.1. 2.5.2. 2.5.3.	Digital Identity for Individuals, Assets and Businesses Online Reputation Protection Digital Identity Impact in the Real World	2.6. 2.6.1. 2.6.2. 2.6.3.	New Sales Channels Business to Avatar Improve User Experience Single Environment Products, Services and Content	2.7.1. 2.7.2. 2.7.3.	Experiences based on Ideals, Beliefs and Likes Artificial Intelligence as a Driving Force Personalized Experiences Power of Mass Manipulation	2.8. 2.8.1. 2.8.2. 2.8.3.	VR, AR, AI and IoT Advanced Technologies Metaverse Success Immersive Experience Technological Analysis. Uses
2.9. 2.9.1. 2.9.2. 2.9.3.	Metaverse Standardization for Proper Functioning	2.10.1 2.10.2	Metaverse Real Estate Leverage Methods in the Metaverse Borderless Trading in Virtual Spaces Reduced Physical Space Operation				

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Module 3. Business Models. Metaverse Case Studies								
3.1.2.	The Metaverse, a Business Model The Metaverse as a Business Model Risk Habit Changes	3.2.1. 3.2.2. 3.2.3. 3.2.4.	Metaverse Marketing and Advertising Tools AR&AI. Marketing Revolution VR Marketing Video Marketing Live Streams	3.3. 3.3.1. 3.3.2. 3.3.3.	Spaces	3.4.1. 3.4.2.	Metaverse: Education and Disruptive Learning. Industry Application E-Learning Training Interoperability Web 3 and the Metaverse. Labor Market Revolution	
3.5.1 3.5.2 3.5.3.		3.6.1. 3.6.2. 3.6.3.	Product and Service Marketing through Real to Virtual World Connection and Vice Versa New Sales Channels Creation Improve Purchasing Process User Experience Content Consumption	3.7.1. 3.7.2. 3.7.3.	Metaverse Events through Virtual Environments Content Network New ways of Communication in Interaction Unlimited Range	3.8.1. 3.8.2.	Metaverse Data Management and Security Management and Security Data Protection Data Interoperability Traceability	
3.9. 3.9.1. 3.9.2. 3.9.3.	Visual SEO. Online Positioning AI, the Basis of the New Positioning Added Value to the Audience Unique and Customized Content	3.10.1 3.10.2	DAO in the Metaverse Blockhain Back-Up Governance and Decision-making Power Community Loyalty					





Would you like to master the marketing and advertising tools to revolutionize the Metaverse? Enroll in this Postgraduate Diploma and you will triumph with your daring and innovative campaigns"



This academic program offers students a different way of learning. Our methodology uses a cyclical learning approach: **Relearning.**

This teaching system is used, for example, in the most prestigious medical schools in the world, and major publications such as the **New England Journal of Medicine** have considered it to be one of the most effective.





tech 30 | Methodology

TECH Business School uses the Case Study to contextualize all content

Our program offers a revolutionary approach to developing skills and knowledge. Our goal is to strengthen skills in a changing, competitive, and highly demanding environment.





This program prepares you to face business challenges in uncertain environments and achieve business success.



Our program prepares you to face new challenges in uncertain environments and achieve success in your career.

A learning method that is different and innovative

This TECH program is an intensive educational program, created from scratch to present executives with challenges and business decisions at the highest level, whether at the national or international level. This methodology promotes personal and professional growth, representing a significant step towards success. The case method, a technique that lays the foundation for this content, ensures that the most current economic, social and business reality is taken into account.



You will learn, through collaborative activities and real cases, how to solve complex situations in real business environments"

The case method has been the most widely used learning system among the world's leading business schools for as long as they have existed. The case method was developed in 1912 so that law students would not only learn the law based on theoretical content. It consisted of presenting students with real-life, complex situations for them to make informed decisions and value judgments on how to resolve them. In 1924, Harvard adopted it as a standard teaching method.

What should a professional do in a given situation? This is the question we face in the case method, an action-oriented learning method. Throughout the program, the studies will be presented with multiple real cases. They must integrate all their knowledge, research, argue and defend their ideas and decisions.

tech 32 | Methodology

Relearning Methodology

TECH effectively combines the Case Study methodology with a 100% online learning system based on repetition, which combines different teaching elements in each lesson.

We enhance the Case Study with the best 100% online teaching method: Relearning.

Our online system will allow you to organize your time and learning pace, adapting it to your schedule. You will be able to access the contents from any device with an internet connection.

At TECH you will learn using a cutting-edge methodology designed to train the executives of the future. This method, at the forefront of international teaching, is called Relearning.

Our online business school is the only one in the world licensed to incorporate this successful method. In 2019, we managed to improve our students' overall satisfaction levels (teaching quality, quality of materials, course structure, objectives...) based on the best online university indicators.



Methodology | 33 tech

In our program, learning is not a linear process, but rather a spiral (learn, unlearn, forget, and re-learn). Therefore, we combine each of these elements concentrically. With this methodology we have trained more than 650,000 university graduates with unprecedented success in fields as diverse as biochemistry, genetics, surgery, international law, management skills, sports science, philosophy, law, engineering, journalism, history, markets, and financial instruments. All this in a highly demanding environment, where the students have a strong socio-economic profile and an average age of 43.5 years.

Relearning will allow you to learn with less effort and better performance, involving you more in your specialization, developing a critical mindset, defending arguments, and contrasting opinions: a direct equation to success.

From the latest scientific evidence in the field of neuroscience, not only do we know how to organize information, ideas, images and memories, but we know that the place and context where we have learned something is fundamental for us to be able to remember it and store it in the hippocampus, to retain it in our long-term memory.

In this way, and in what is called neurocognitive context-dependent e-learning, the different elements in our program are connected to the context where the individual carries out their professional activity.

This program offers the best educational material, prepared with professionals in mind:



Study Material

All teaching material is produced by the specialists who teach the course, specifically for the course, so that the teaching content is highly specific and precise.

These contents are then applied to the audiovisual format, to create the TECH online working method. All this, with the latest techniques that offer high quality pieces in each and every one of the materials that are made available to the student.



Classes

There is scientific evidence suggesting that observing third-party experts can be useful.

Learning from an Expert strengthens knowledge and memory, and generates confidence in future difficult decisions.



Management Skills Exercises

They will carry out activities to develop specific executive competencies in each thematic area. Practices and dynamics to acquire and develop the skills and abilities that a high-level manager needs to develop in the context of the globalization we live in.



Additional Reading

Recent articles, consensus documents and international guidelines, among others. In TECH's virtual library, students will have access to everything they need to complete their course.





Students will complete a selection of the best case studies chosen specifically for this program. Cases that are presented, analyzed, and supervised by the best senior management specialists in the world.



Interactive Summaries

The TECH team presents the contents attractively and dynamically in multimedia lessons that include audio, videos, images, diagrams, and concept maps in order to reinforce knowledge.

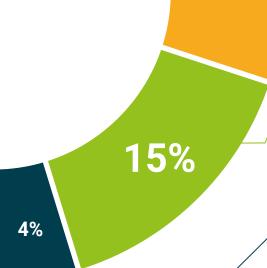


This exclusive educational system for presenting multimedia content was awarded by Microsoft as a "European Success Story".

Testing & Retesting

We periodically evaluate and re-evaluate students' knowledge throughout the program, through assessment and self-assessment activities and exercises, so that they can see how they are achieving their goals.



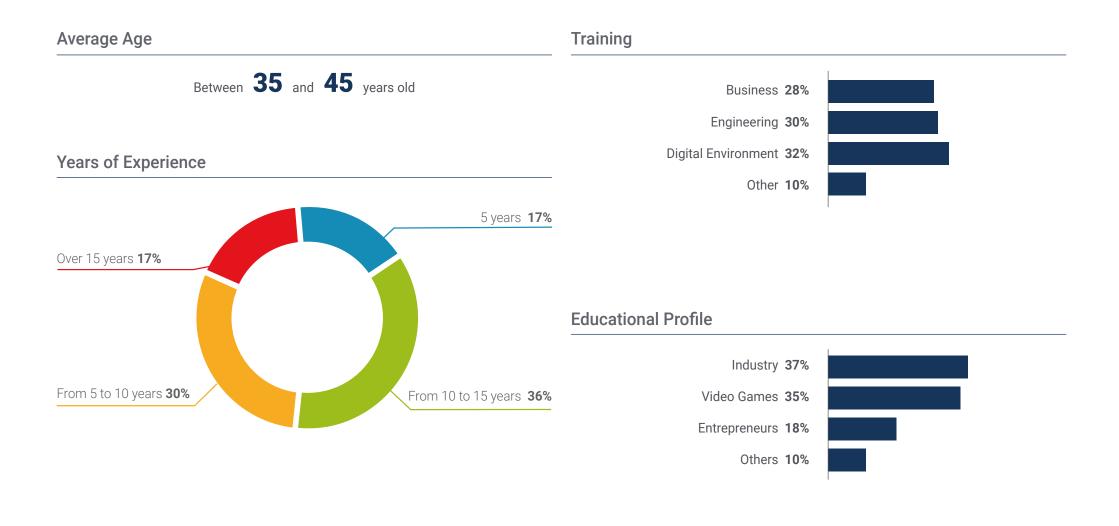


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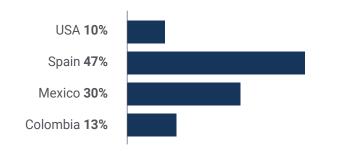




tech 38 | Our Students' Profiles



Geographical Distribution





Naira Rodríguez

Chief Operating Officer and co-founder of a digital gaming content company

"I didn't know how far I was capable of going until I took this Postgraduate Diploma. Thanks to the quality of its content, I understood the complex world of Web 3.0 and its intricacies, allowing me to develop a virtual technology strategy that is having a huge success in the gaming industry. Therefore, I recommend all professionals interested in undertaking projects related to the Metaverse to take this program because, without a doubt, it will become their bible to achieve professional success"





tech 42 | Course Management

Management



Mr. Cavestany Villegas, Íñigo

- Co-Founder & Head of Ecosystem of Second World
- Web3 and Gaming Leader
- IBM Cloud Specialist at IBM
- Advisor at Netspot OTN, Velca and Poly Cashback
- Teacher in business schools such as IE Business School or IE Human Sciences and Technology
- Graduate in Business Administration from IE Business School
- Master's Degree in Business Development from the Autonomous University of Madrid
- IBM Cloud Specialist
- Profession Certification in IBM Cloud Solution Advisor

Professors

Mr. Ripoll López, Carlos

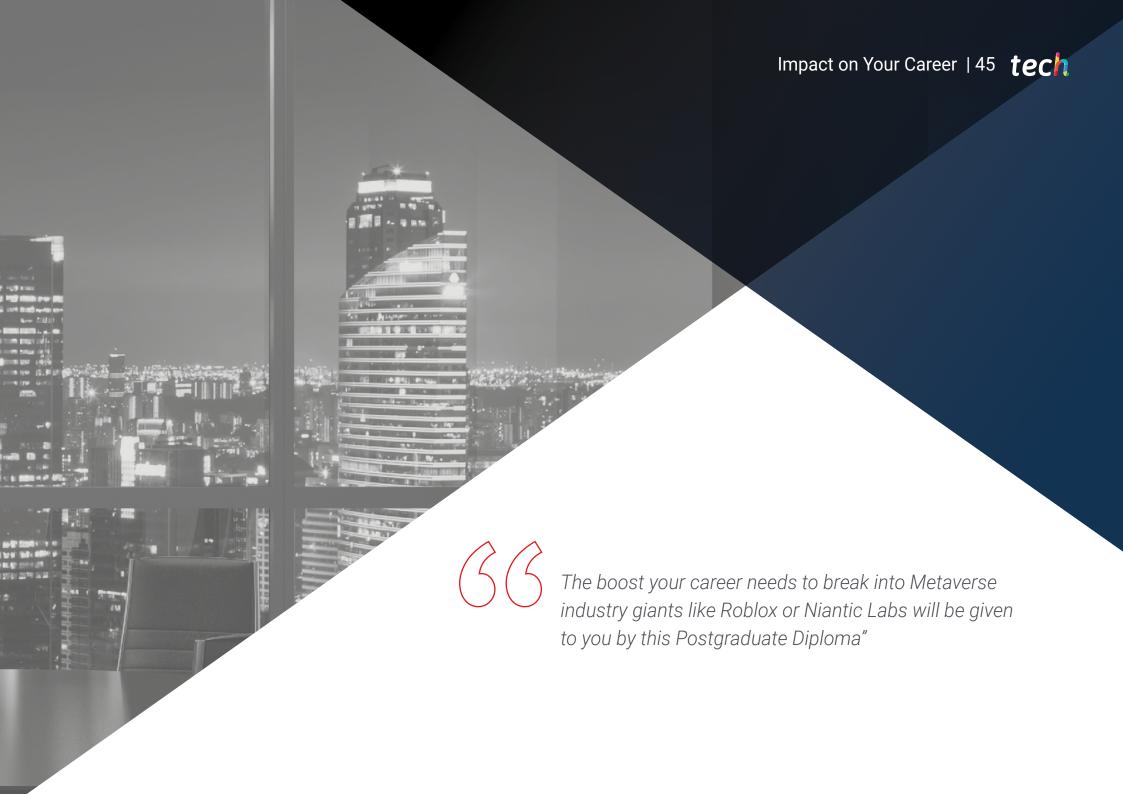
- Engineer Business Administration Specialist
- Founder and CEO of SecondWorld
- Founder of Netspot Hub
- Digitalization & Market Research at Cantabria Labs
- Degree in Engineering from the European University
- Degree in Business Administration from IE Business School

Mr. López-Gasco, Alejandro

- Co-founder of SecondWorld and Head of the Metaverse
- Co-founder of TrueSushi
- Amazon Business Development Executive
- Graduate in Law and Marketing from the Complutense University of Madrid
- HSK4 Mandarin Chinese by Beijing Language and Culture University
- Master's Degree in M&A and Private Equity from the IEB
- Cross border e-commerce bootcamp from Shanghai Normal University







Do you think a program can give you access to a considerable salary increase? Yes, it can!
Because with this Postgraduate Diploma you will increase your knowledge to such a high level that you will be rewarded for it.

Are you ready to take the leap? Excellent professional development awaits you.

TECH's Postgraduate Diploma in Web 3.0: The Foundation of the Metaverse is an intensive program that prepares you to face challenges and business decisions in the field of management and direction of digital and virtual environments. The main objective is to promote personal and professional growth. Helping students achieve success.

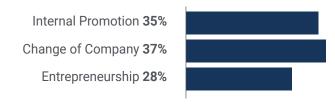
If you want to improve yourself, make a positive change professionally and network with the best, this is the place for you.

A program with which you will master the most advanced technologies based on augmented and virtual reality for the Metaverse.

Time of Change



Type of Change



Salary Increase

The completion of this program represents a salary increase of more than **27.32%** for our students.

Salary before

\$56,700

A salary increase of

27,32%

Salary after

\$72,200





tech 50 | Benefits for Your Company

Developing and retaining talent in companies is the best long-term investment.



Growth of talent and intellectual capital

The professional will introduce the company to new concepts, strategies, and perspectives that can bring about significant changes in the organization.



Retaining high-potential executives to avoid talent drain

This program strengthens the link between the company and the professional and opens new avenues for professional growth within the company.



Building agents of change

You will be able to make decisions in times of uncertainty and crisis, helping the organization overcome obstacles.



Increased international expansion possibilities

Thanks to this program, the company will come into contact with the main markets in the world economy.





Project Development

The professional can work on a real project or develop new projects in the field of R & D or business development of your company.



Increased competitiveness

This program will equip students with the skills to take on new challenges and drive the organization forward.







tech 54 | Certificate

This **Postgraduate Diploma in Web 3.0: The Foundation of the Metaverse** contains the most complete and up-to-date program on the market.

After the student has passed the assessments, they will receive their corresponding **Postgraduate Certificate** issued by **TECH Technological University** via tracked delivery*.

The certificate issued by **TECH Technological University** will reflect the qualification obtained in the Postgraduate Certificate, and meets the requirements commonly demanded by labor exchanges, competitive examinations, and professional career evaluation committees.

Title: **Postgraduate Diploma in Web 3.0: The Foundation of the Metaverse** Official N° of Hours: **450 h.**



^{*}Apostille Convention. In the event that the student wishes to have their paper certificate issued with an apostille, TECH EDUCATION will make the necessary arrangements to obtain it, at an additional cost.



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