

SFBU

CONNECTION

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**ONLINE COURSE:
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Introduction to the
Metaverse & Its Applications

**IEEE PROGRAMMING
COMPETITION**

Congratulations to SFBU's
IEEE Club Members

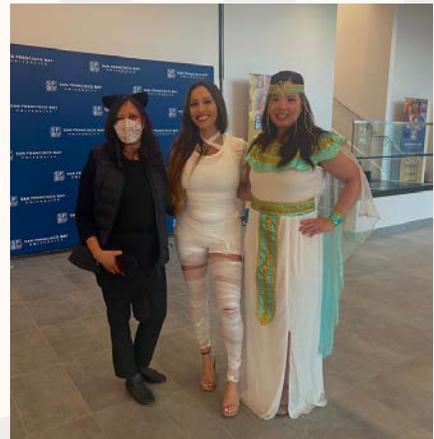
**STUDENT
SPOTLIGHT**

Julio Camacho
MBA Program



HALLOWEEN HIGHLIGHTS

COSTUMES | MUSICAL CHAIRS | KARAOKE | HAUNTED COMPUTER LABS





LIVE ONLINE COURSE (ZOOM)

Introduction to the Metaverse & Its Applications

Course Summary

The term "Metaverse" is a hot topic of conversation recently, with many tech giants like Facebook and Microsoft staking claims. Author Neal Stephenson is credited with coining the term "metaverse" in his 1992 science fiction novel "Snow Crash," in which he envisioned lifelike avatars who live in realistic 3D buildings and other virtual reality environments. Since then, various developments have reached milestones on the way toward a real Metaverse: an online virtual world which incorporates augmented reality (AR), virtual reality (VR), 3D holographic avatars, video, and other means of communication. As the Metaverse expands, it will offer a hyper-real alternative world or what comic fans call a parallel universe. After this course, you will be able to answer the question, "What is the Metaverse?" We will discuss the relationships between the Metaverse and blockchain, cryptocurrency, and NFTs. Real-life applications will be presented, and the future of the Metaverse will be explored.

No prerequisites or coding experience is required.

Course Outline

Saturday, December 3rd

- Introduction and class policies
- What is the Metaverse?
- Demo of the Metaverse
- The Metaverse vs. Web 3.0
- AR/VR and the Metaverse
- Class Discussions

Saturday, December 10th

- Applications of the Metaverse
- Advantages and Challenges of the Metaverse
- Types of the Metaverse
- Blockchain and the Metaverse
- Cryptocurrency and the Metaverse
- NFTs and the Metaverse
- Class Discussions

All attendees will receive an attendance certificate in addition to 0.6 CEUs



About the Instructor:
Professor Ahmed Banafa

Ahmed Banafa is a professor of Engineering at San Francisco Bay University. His work focuses on Blockchain, Internet of Things, and Artificial Intelligence. He is the author of three books: Secure and Smart IoT Using Blockchain AI, Blockchain Technology and Applications, and the forthcoming Quantum Computing. Banafa studied Electrical Engineering at Lehigh University.

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Julio Camacho

Master of Business Administration (MBA)

While adjusting to life in San Francisco, he has realized that there are many cultural differences between the U.S. and Mexico, and he sometimes misses his family and friends. In fact, it was never in his plans to study in the U.S. Julio explains, “When the opportunity came to my door, I was scared but curious, and I thought, ‘What if I can make it? Maybe there is a chance for me here.’ There were doubts, but here I am! It’s been challenging, but it’s a great opportunity.”

“What if I can make it? Maybe there is a chance for me here.”

Julio lives in San Francisco and commutes to SFBU by BART. He likes to use his commute time to study and catch up on reading, which is one of his favorite hobbies: “I like reading novels by Mexican and Latin authors that address social issues and real things happening in this world. Hurricane Season by Fernanda Melchor is a book he recommends for everyone to read in order to understand one of the many issues of contemporary Mexico. Julio explains, “It captures the level of violence and machismo culture through the lens of people who are suffering injustices such as inequality, poverty, and corruption. It is a novel that has really stuck with me.”

When asked about his proudest moment, Julio had two in mind. The first was receiving the President’s Scholarship from SFBU. He had never received a scholarship before, and was honored by the opportunity provided by SFBU. The second was a professional moment while working as a project analyst at a Mexican startup last year. Julio worked on finding grants and entering startup competitions to help the company grow; his efforts helped the company to receive grants from different organizations: SingularityU Mexico, Google for Startups, and AT&T Mexico.

This is San Francisco Bay University student Julio Camacho. Julio is a 2022 President’s Scholarship recipient working towards his Master of Business Administration (MBA) degree, and is just starting his journey at SFBU this trimester (Fall 2022).

Julio was born and raised in Guadalajara, Mexico, where he earned his B.A. in International Relations. Growing up, Julio was not drawn to jobs most kids wanted, such as working as a police officer or a firefighter. Instead, he was interested in careers such as architecture and graphic design. While earning his B.A. degree, Julio had the opportunity to study abroad temporarily in Santiago, Chile. He loved his time there so much that he decided to move back to Santiago after graduating to get more professional experience. Then, he began to focus on becoming a private sector development expert through business strategies that can help strengthen small and medium enterprises (SMEs) and foster local entrepreneurship through innovation and data-driven approaches.

Julio describes himself as a passionate person who is curious by nature, likes to be around people who can teach him things, and appreciates learning different points of view. With many experiences under his belt, Julio often follows his heart, and likes to take risks. His greatest challenge to date has been moving to the U.S. to pursue his MBA at San Francisco Bay University....

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Julio Camacho: Master of Business Administration (MBA)

San Francisco Bay University was recommended to Julio by his partner, who also recommended California State University, Northridge. Julio ultimately decided on SFBU because he was drawn to San Francisco: it is one of the world's most innovative, enterprising, and diverse cities; it is walkable; and the Bay Area has good public transportation. Lastly, he chose SFBU because he received the President's Scholarship.

While attending San Francisco Bay University, Julio is looking forward to gaining knowledge and work experience, which he will compare to his work experience in Mexico. Julio is interested in learning more about the startup environment in San Francisco, and will focus on finding an internship there while studying.

When asked what he enjoys most about SFBU so far, Julio said, "I really like the diverse community and how the students are from all different parts of the world, and I think that is the most interesting part... the sharing of experiences and perspectives is very rich." In addition, Julio also likes the small classroom size because it is easier to get to know his classmates and professors: "The best part is sharing conversations with classmates about different foods and the current political state in our home countries. There's always something new and always something to learn from one another."

"There's always something new and always something to learn from one another."

After graduating from San Francisco Bay University, Julio would like to gain work experience in the U.S. because that would be extremely valuable when he returns to Mexico. He wants to pursue his dream career as a private sector development consultant, and help small and medium businesses in Mexico become more innovative and competitive.

In addition to his studies, Julio enjoys traveling, reading, listening to music and podcasts, cooking healthy foods and desserts, and biking. He even spent the New Year in Brazil with friends! When asked what he likes best about the Bay Area, Julio said, "It's very diverse; not a day goes by where I don't hear a foreign accent and Spanish, for example. There are great things to do: museums, libraries, and food experiences."

Julio shared that an English teacher he had in Mexico greatly influenced him on a personal level: "He had an interesting perspective on life, and planted the seed that made me want to leave Mexico to explore and have this international experience. He influenced me to keep studying and earn an MBA. He introduced me to the music I listen to, and the political and social issues we talked about influenced me, as well. We still keep in touch."

Julio advises current and prospective SFBU students to "come with an open mind and embrace the opportunity. Get out of your comfort zone, because this is what this experience is all about! Broaden your horizons, meet new people, have an opportunistic attitude, and learn something. Be curious, ask questions, and go deeper into topics. To question and see different perspectives is part of the learning process."

"To question and see different perspectives is part of the learning process."

Congratulations and best wishes, Julio, throughout your journey at SFBU and beyond. Thank you for being such an inspiration to the San Francisco Bay University community!



CONGRATULATIONS TO SFBU'S IEEE CLUB!

San Francisco Bay University is incredibly proud of the students who participated in the IEEE Xtreme Programming Competition!

IEEE Xtreme is a global challenge in which teams of IEEE student members – advised and proctored by an IEEE member, and often supported by an IEEE Student Branch – compete for 24 hours to solve a set of programming problems. The number of teams registered to participate worldwide was 6373.

Congratulations to the following students:

Aaliyah Mohammed Aslam Salia
Bhuiyan Shadman Wasif
Mahmud Omer
Maranata Meseret Muluneh
Maxat Kerimbayev
Md Shahadat Hossain Khan
Mert Kabadayi
Minh Khoi Duong
Shovan Roy

The teams from SFBU ranked 5th, 6th, 7th, 10th, and 15th among the teams from the Western US region.

SFBU's top finisher placed in the top 20% of the global ranking.



WE ARE THE BAY



CONTACT SFBU

510-803-SFBU

admissions@sfbu.edu

<https://sfbu.edu/>

161 Mission Falls Ln,
Fremont, CA 94539 USA

Mon-Fri:
9:00a.m. - 5:30p.m.
Sat-Sun: closed



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Connect with our social media channels to stay updated with news and happenings, and comment about what makes SFBU a great place to live and learn.



Instagram



Facebook



LinkedIn



Twitter



YouTube



Pinterest

UPCOMING EVENTS

NOV. 16TH

Student-Staff Game Night

NOV. 21ST

Job Skills Workshop Networking

NOV. 24TH

Thanksgiving Holiday
Campus Closed