

# Ali Mantache

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## Summary

Dynamic professional with a proven record in technology education and adept project management. Skilled in crafting and executing innovative solutions. Committed to driving growth through continuous learning and fostering a culture of innovation.

## Experience

### Full Stack Web Instructor

ESA Coding Lab | 2021 – Present

- Created detailed syllabuses for Full Stack Web and MERN Stack courses, utilizing Agile Scrum.
- Crafted precise learning goals, plans, and tasks for effective knowledge transfer.
- Guided a five-month full-stack program, fostering MERN stack proficiency; graduates gain certifications from **ESIEE-IT France** and **ESA Business School Lebanon**.

### Python Seminar Instructor

ESA Business School | 2022 – Present

- Designed and executed the syllabus for the annual Python Seminar.
- Empowered Bachelor in Business Administration students with essential programming skills during the four days seminar.

### Excel Course Tutor

ESA Business School | 2023 – 2024

- Created syllabus for Excel course, focusing on business data analysis skills for Bachelor in Business Administration students.
- Led interactive Excel sessions, covering advanced functions, formulas, and data visualization.
- Guided students in applying Excel to real-world business scenarios.

### MERN Stack Bootcamp Trainer

Tatweer Baladna Organization | September, October 2023

- Developed comprehensive MERN Stack bootcamp syllabus.
- Mentored MongoDB, Express.js, React, and Node.js learning.
- Led interactive coding sessions, empowering MERN stack proficiency.

## Remote Project Manager

Software Company | 2020 – 2022

Demonstrated cross-border project management skills, fostering seamless collaboration and timely deliveries.

## Computer Science Teacher

Official Technical School with IECD (European Institute for Cooperation and Development) | 2017 – 2023

Provided comprehensive computer science education, nurturing a passion for technology.

## Education

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### Master 2 in Computer Science and Risk Management

Lebanese University, Faculty of Sciences | 2017

Pioneered research in "Concept Drift Detection for Streaming Data", advancing risk management strategies.

### Bachelor in Computer Science

Lebanese University, Faculty of Sciences | 2015

## Skills

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- Back-End: MySQL, SQL, PHP, MongoDB, Node.js, Express.js.
- Front-End: HTML5, CSS3, JavaScript, jQuery, Ajax, React.js, Next.js.
- Data Formats: CSV, JSON, XML.
- CSS: Bootstrap, Tailwind CSS, Styled Components.
- Programming: Python, Java, C/C++, Arduino.
- Computer Vision: Object Detection, Real-Time Processing.
- Real-Time: Apache Kafka, Apache Spark, Socket.io.
- Data Analysis: Pandas, Matplotlib, NumPy.
- Agile: Scrum.
- Version Control: Git, GitHub.
- Docker: Containerization.
- Collaboration: Miro, Figma, Jira, ClickUp.
- System Design: UML.
- Content Management: WordPress.
- E-commerce: Shopify.
- Microsoft Office: Word, Excel, PowerPoint, Visio.
- Conceptualization: Idea Generation, Problem Solving, Creativity.

## Recent Projects

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### Real-Time Data Streaming and Processing Project | 2023

- Created and implemented a comprehensive real-time data streaming solution from start to finish, seamlessly integrating cutting-edge approaches such as computer vision and microservices architecture. Achieved instant, fluid result presentation to engage users dynamically.
- Utilized state-of-the-art methods for real-time object processing, synchronized microservices to efficiently aggregate data, and provided rapid insights through an intuitive user interface.

### Restaurant Menu Website | 2023

- Created a responsive restaurant menu website with multiple categories and detailed ingredient lists.
- Designed an elegant user interface for an enhanced browsing experience.
- Implemented QR code scanning for easy mobile access.
- Technologies Used: ReactJS and Pure CSS.
- Explore the project [here](#).

### Wedding Invitation Website | 2023

- Designed a wedding invitation website with a reservation form for guests, supporting content translation between English and French.
- Incorporated a gift feature that directs users to an external website for giving gifts.
- Technologies Used: ReactJS and Pure CSS.
- Explore the project [here](#).

### Modern-creative-navbar | 2023

- Crafted a dynamic, responsive navigation bar with scrolling creative effects.
- Technologies Used: ReactJS and Styled Components.
- Explore the project [here](#).

## Certificates

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### Ethical Hacking Foundation | Semicolon Academy | 2022

35-hour program covering network security, penetration testing, and bug hunting.

### Full Stack Web Developer | ESIEE[it], France | 2022

Comprehensive five months web development program with ESA Coding Lab.

## Languages

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- Arabic: Native.
- English: Good.
- French: Good.

## Interests

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- Passionate about continuous learning and technology, always seeking new skills.
- Embraces an active lifestyle while maintaining a strong enthusiasm for technology.