

Yahya Chahine, M.Sc.

Software Engineer

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Experienced Software Engineer proficient in diverse programming languages and frameworks, with a focus on scalability and performance. Seeking a challenging role to leverage technical expertise for a dynamic organization's success.

Professional Experience

AITELA Branding

Backend Engineer | Oct. 2023 - Ongoing

- Optimized data collection for client app, enabling real-time display via UI
- Modernized Nest.js code to ECMAScript standards
- Reduced costs by implementing efficient bulk data retrieval from APIs
- Secured global image storage using AWS S3 for scalability

ACT2DEV

Frontend Engineer | Dec. 2019 - Feb. 2020

- Established a strong online presence with a detailed website showcasing diverse services.
- Iteratively developed and tailored the site to optimize user experience, incorporating feedback.
- Implemented robust analytics for progress tracking and objective monitoring.

HPS

Fullstack Engineer Intern | Oct. 2019 - Jan. 2020

- Researched ISO8583 standards for financial transactions.
- Built a fully operational backend API with j8583 and Spring Boot, adhering to ISO8583 standards.
- Developed a front-end TypeScript app in Angular 6+ with authentication and an innovative UI, seamlessly integrated with the backend API.

MasterTech

iOS Developer & SysAdmin Intern | Oct. 2019 - Jan. 2020

- Benchmarked VPN protocols (L2TP, PPTP, OpenVPN, IKEv2) for optimal Consumer VPN application.
- Deployed and configured IKEv2/StrongSwan on Ubuntu/CentOS with streamlined installation via shell scripts.
- Teamed up to design a sleek iOS UI using Swift, enhancing the consumer VPN application.

Educa

Backend Engineer & Sysadmin Intern | Sep. 2018 - Nov. 2018

- Enabled multilingual support in a Web App with a translation module for 3+ languages.
- Enhanced Debian server security to align with industry best practices.
- Streamlined backup processes, automating and securely storing them on the cloud.

Education

University of Greenwich

Master of Science in Computer Science | 2021-2022

Thesis: Investigated the correlation between musical notes and socio political events using ML Algorithms (k-NN and SVM).
Achieved an accuracy of 70% in predicting election results given songs released during the election year.

Achievements

- Showcased Master's thesis findings at the International Conference of Applied Mathematics and Data Science in Casablanca.
- I orchestrated and led a successful contest, mentoring 20 high school students in their transformation from novices to proficient web developers in HTML, CSS, and JavaScript. Demonstrating strong leadership, I coordinated logistics and fostered a collaborative learning environment throughout the competition.

Soft Skills

Adaptable	Responsible
Analytical Thinking	Team Collaboration
Continuous Learning	Problem Solving
Time Management	Multitasking
Troubleshooting, debugging, code optimization	

Skills

Programming Languages

TypeScript	JavaScript
Python	Go

Frameworks and Libraries

Node.js	React	Next.js
Nest.js	FastAPI	Echo

Tools

Postgresql	Docker	Kubernetes
Git	AWS	