

Aymane Lamssaqui

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Education

Private University of Fez
Computer Engineering

Fès,Fès/Mèknas
Fifth Year

Professional Experience

Dimensional Chain Calculation Tool - Capgemini

CasaBlanca

Feb 2025 – Jul 2025

- Developed an ASP.NET MVC web app to automate dimensional chain tolerance calculations.
- Implemented real-time gap analysis, auto-adjust algorithms, and PDF reporting.
- Enhanced engineering accuracy and reduced manual errors in mechanical design.

IT Intern – Aramex

CasaBlanca

Jun 2023 - Aug 2023

- Maintained servers and resolved hardware/software issues across 100+ systems and devices.
- Managed employee accounts via Active Directory.
- Oversaw cctv installation on warehouse

IT Specialist & Graphic Designer – Belarome

Fes

Aug 2022 - Oct 2023

- Designed product packaging and implemented IT solutions.
- Ensured daily operational efficiency and cross-device connectivity.

Software Developer Intern – SYMOLIA

Jun 2024 - Sep 2024

- Built a full-stack leave management system using Angular and Spring Boot.
- Implemented role-based access (Admin, Manager, Employee).
- Automated leave requests, balance tracking, and theming.

Project Experience

AI Moroccan Sign Language Translator

- Developed an AI-powered Android app to translate Moroccan dialect and sign language using CNNs (EfficientNetB0).
- Applied image recognition, NLP, and gesture tracking to bridge communication for the deaf-mute community.

Educational RPG Game

Mar 2022 - Apr 2022

- Built a 2D RPG promoting environmental awareness; players fight "trash monsters" to clean a village.
- Designed pixel-art assets and implemented basic enemy AI with varied attack patterns.

SKILLS & INTERESTS

Technical Skills

Programing Languages, Technologies & Tools

- Software Design: UML, MDA, MVC Architecture, Component-Based Design
- Programming Languages: C, C#, Java, Python, JavaScript, TypeScript
- Web Development: HTML, CSS,js, Angular, React.js, Next.js, ASP.NET MVC, Spring Boot, RESTful APIs
- Mobile & AI Development: Android Studio, Firebase , TensorFlow/Keras (EfficientNetB0, CNNs), OpenCV
- Database Management: MySQL,SQL, SQL Server, Firestore, Entity Framework, IndexedDB (Web Storage)
- Version Control & DevOps: Git, GitHub, Azure DevOps, Vercel (CI/CD), Netlify
- UI/UX & Design Tools: Photoshop, Illustrator, Corel Draw, Figma, Tailwind CSS, Bootstrap
- Other Tools & Libraries: WAMP Server, Postman, PDFSharp, Fabric.js, GSAP, Howler.js , Three.js (3D), LocalStorage API

Languages

- Spoken Languages :Arabic (Native),French (Advanced),English (Fluent),Spanish (Intermediate)

Interests

- Art: Digital Art, Drawing , painting , Sculpture, Origami
- Speed-cubing, Sports Cars