

Zayd Bentalha

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PROFILE

Dual-degree student in Data Science & AI Engineering and Business Administration – combining full-stack development, backend architecture, machine learning, and financial analysis. National Student Entrepreneur, Hult Prize campus winner and SNEE national runner-up, with hands-on experience shipping software products to production.

EDUCATION

EMSI – Moroccan School of Engineering Sciences

Computer Engineering – Data Science & AI

Casablanca, Morocco

October 2022 – Present

Hassan II University – FSJES AC

Bachelor in Business Administration

Casablanca, Morocco

October 2024 – Present

Hassan II University – FSJES AC

National Student Entrepreneur Status

Casablanca, Morocco

January 2026 – June 2026

EXPERIENCE

Software Engineer – Full-Stack, AI & BI

Mello Group (iAgency)

Jul. 2026 – Sept. 2026

Casablanca, Morocco

- Shipped **Mello**, a multi-tenant advertising SaaS, plus site & DAM redesign
- Built its AI/BI layers (**AUC 0.752**), re-platformed to **NestJS/Prisma/PostgreSQL**

Web Developer

LocalExperiences

Jul. 2025 – Sept. 2025

Tunisia (On-site)

- Built and launched localexperiences.tn end-to-end using WordPress, custom PHP, JavaScript, and CSS
- Developed custom plugins for dynamic listings and implemented SEO optimization.

Team Leader (OGT) | Active Member (OGV)

AIIESEC in Casablanca

Sept. 2024 – Sept. 2025

Casablanca, Morocco

- Managed a team of 4 and coordinated 10+ international recruitment calls across continents
- Facilitated 50+ cross-border talent exchanges with end-to-end candidate pipeline tracking

Accounting Assistant

Genie Management Universal

Aug. 2023

Tangier, Morocco

- Analyzed financial statements and observed internal management workflows and corporate legal operations

KEY PROJECTS

Rhel'Lia (formerly Wassel'lia) – Moving App MVP | *React 18, TypeScript 5, Supabase, Capacitor*

2026

- 2nd place out of 120 teams** at the SNEE national student entrepreneurship competition
- Native iOS/Android builds from one React codebase; Supabase backend (PostgreSQL + Auth + Storage)

NeroviaFlow - IoT Predictive Maintenance System | *ESP32, Python, SMS API*

2026

- Designed a non-invasive monitoring system for industrial piping to reduce resource loss.
- 1st place, Hult Prize EMSI Casablanca 2026**; designed for large-scale infrastructure integration
- Developed an adaptive calibration algorithm for pressure variations, ensuring high-fidelity data extraction.

KEY CERTIFICATES

Hult Prize 2026 | AI For Everyone (DeepLearning.AI) | Introduction to OOP in C++ (EPFL) | Using Python to Access Web Data (UMich) | Software Design and Project Management (UHKong) | Interactivity with JavaScript (UMich)

SOFT/HARD SKILLS

Spoken Languages: Arabic (Native), French (Fluent), English (Bilingual), Spanish (Beginner)

Soft Skills: Leadership, Team Management, Adaptability, Proactivity, Public Relations, Agile Management

Languages: Python, JavaScript, TypeScript, PHP, SQL, HTML5, CSS3, C/C++

Frameworks & Libraries: React, Next.js, NestJS, React Native, Django, Prisma, PostgreSQL, Convex, MongoDB, Tailwind CSS, Pandas, NumPy, scikit-learn, TensorFlow

Developer Tools: Git, Docker, OVH, Supabase, WordPress, Azure (in progress), SAP S/4HANA (in progress), Suite Office, Power BI (in progress)

INTERESTS

Drums (Music Conservatory Anfa)

Theater (EMSI Theater Club)

Volleyball