

IDIR, YACINE

Full Stack Developer

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Summary

Fast-paced Full-Stack Developer with a strong foundation in computer science and Linux. Proven ability to master new technologies quickly, having independently learned computer vision in just one month. Leveraged this knowledge to co-author an innovative research paper on a homography-less algorithm within 3 months. Meticulous in crafting clean architecture and system designs for efficient, scalable solutions. Lifelong learner, constantly acquiring new skills and staying at the forefront of technological advancements.

Experience

AnFashion - [LINK](#)

2024

- Resolved critical issues that had persisted for over a year within 1 month of joining, between the company and a third-party development agency, resulting in a profit increase of over 20,000 DZA
- Took charge of development agency responsibilities, including website migration, troubleshooting, and enhancements, achieving resolution within 1 month

OiluCode - [LINK](#)

2024

- Drove progress on a research project that had been postponed for 2 years, playing a pivotal role in accelerating development and achieving completion within 3 months of joining
- Led the development of a homography-less processing algorithm and engineered the binaries, resulting in a 2-10ms benchmark

ProgressWebetu - [LINK](#)

2023

- Reverse engineered the Progress Webetu Algerian higher education mobile app
- Recreated and enhanced the app, restoring its full functionality
- Submitted an official report to the Ministry of Higher Education, outlining the security breach

Dive Competition - [LINK](#)

2022

- Created software to semi-automate swimming competitions in regional pools, in collaboration with the state swimming federation, implementing a rental model with a price of 5000 DZD per day
- Reduced a week's worth of manual labor to mere minutes through automation
- Enhanced the competition experience by providing increased transparency, accuracy, and live results

Agritech - [LINK](#)

2022

- Developed a website and a mobile app within one week, significantly contributing to the successful organization of an international event in AI/agriculture, sponsored by the Algerian Ministry of Higher Education

Zawya - [LINK](#)

2022

- Designed and developed a mobile app for managing an Islamic Zawya, automating tasks equivalent to 3 months of manual labor

Technical Skills

Languages: C++, Java, Dart, JavaScript, TypeScript, Kotlin, Python, PHP

Databases: Postgres, Convex, Supabase, Firebase, SQLite, MongoDB

Technologies/Frameworks: Next.js, React, Flutter, AndroidX, Godot, JavaFX, Node.js

Soft Skills

- Former member of a local charity association
- Active participant in hackathons; coached university representatives at the Coding Masters Hackathon 2024, resulting in a 4th place achievement
- Organized a university hackathon in collaboration with the Infinity Club
- Taught an entry-level programming course at the university in collaboration with the Athir Club

Education

Bachelor of Science in Computer Science, Mohamed El Bachir El Ibrahimi University, 2022

Master of Science in Business Intelligence, Mohamed El Bachir El Ibrahimi University, 2024