BAKRAOUI ISMAIL

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SUMMARY

As a Computer Science Engineering student at EMSI, I excel in backend development and database administration. Skilled in Agile and Scrum, I deliver high-quality solutions while thriving in both individual and team settings. With strong communication and research abilities, I am eager to contribute to projects that drive innovation and positive change.

WORK EXPERIENCE

Private Tutor   **Oct 2021 - Present**

- Tutoring and mentoring clients in their studies, following both American and Moroccan Curriculum, service provided remotely and in person.

Software Engineer Intern, Polydesign Systems - Exco Automotive Solutions   **Aug 2024 - Sep 2024**

- Maintaining and repairing components, troubleshooting equipment malfunctions, and providing timely solutions to production challenges.

Back-End Developer Intern, NTT Data   **Jul 2022 - Sep 2022**

- Working within a team of developers in a scrum based project environment as a back-end developer on a Human Resources management application.

Database Administrator Intern, Everis   **Jul 2021 - Aug 2021**

- Creating a project that facilitates the management of the staff list using Power Automate and Sharepoint.

Content Writer, Dead Talk Media LLC   **Jul 2020 - Jan 2021**

- Writing scripts designed for a live stream talk show and creating topics.
- Guest appearence on live streams.
- Entertainment Research.

EDUCATION

The Moroccan school of engineering sciences, Tangier   **Oct 2021 - Present**
Software engineering diploma

Abdelmalek Essaâdi university of letters and humanities, Tetouan   **Oct 2022 - Present**
Bachelor in English Litterature

PROJECTS

Automated Workflow Optimization in SharePoint

- The project optimized document approvals by automating workflows in SharePoint and Power Automate, later converting them to Python scripts for enhanced scalability, speed, and accuracy.

Project Arcaev - Arduino Controlled Aerial Vehicle

- Project ARCAEV 1.2.0 is an Arduino-based unmanned aerial vehicle (UAV) project aimed at developing high-performance non-armed drones for various civilian applications.

CERTIFICATIONS

Google

- Foundations of Project Management
- Project initiation : Starting a Succesful Project
- Project Planning : Putting it all together

The Hong Kong University of Science and Technology

- Software Engineering: Software Design and Project Management

The Jhon Hopkins University

- The Unix Workbench
- Html, CSS and Javascript for web developers

ADDITIONAL

Technical Skills: Programming (C, C++, Java, Python/Django), Web Development (HTML, CSS, JavaScript), SQL, Git/GitHub, Figma, Unix Administration, Power Platforms (Power Automate, Power BI, SharePoint).

Languages: Arabic, French (Delf B2), English (First Certificate in english - C1), Spanish (Basic level).

Volunteering: Founding President of the Lions club Tanger EMSI, led a community club, executing 20+ initiatives, managing 60+ members, and growing a social media following to 1,500+ in a year, impacting 1,200+ people.