

HAMZA REHIOUI

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EDUCATION

Al Akhawayn University, Ifrane, Morocco. Class of 2023

Fall 2019 – Spring 2023

Bachelor of Science in Computer Science (BSCSC) Minor in Business Administration (BA).

GPA 3.96/4.0. President's List Fall 2019, Spring 2020, Fall 2020, Spring 2021, Spring 2023

Baldwin Wallace University, Berea, OH. Exchange Student

Fall 2021 – Spring 2022

Visiting Exchange Student in School of MCS. GPA 4.0/4.0. Dean's List, Fall 2021, Spring 2022

RELEVANT PROJECTS

AUI CAMPUS AND AUI HUNT

Deviteam @ Al Akhawayn University

Spring 2023

Technologies used: TypeScript, ReactJS, React Native, Microservices, NodeJS.

- Developed and launched two mobile apps that improved student life on campus.
- Consolidated several campus resources into the apps for easy access and convenience.
- Achieved positive feedback from the university community regarding the usefulness and functionality of the apps.

PLAYDATES – FAMILY FUN

Freelance Work

Fall 2022

Technologies used: React Native, NodeJS, Prisma ORM.

- Developed a mobile app that facilitates playdate planning between parents and which matches them based on location, age, and other custom preferences such as interests.
- Collaborated closely with a remote stakeholder to deliver a high-quality stable product.

ANZAR AWAL – FMCG ENTERPRISE RESOURCE PLANNING TOOL

Beyond Believers

Summer 2022

Technologies used: TypeScript, ReactJS, React Native, Angular, Spring Framework, Microservices, AWS Amplify.

- Optimized inventory control, supply chain management, and production planning through an ERP system.
- Collaborated with cross-functional teams to ensure the ERP tool effectively supported business objectives.

MISSION GUATEMALA

Baldwin Wallace University

Spring 2022

Technologies used: C#, WinForms, Visual Studio 2022, MySQL, nSwag, Splashtop, MS Teams, Jira, Gitea.

- Contributed to developing and improving a medical database software for clinical use.

MODELING SORTING ALGORITHMS IN DIFFERENT LANGUAGES

Baldwin Wallace University

Spring 2022

Technologies used: R, Microsoft Excel.

- Modeled and studied how sorting algorithms' durations vary by programming language.

TECHNICAL SKILLS

Programming, Frameworks & Markdowns: C, C++, C#, Swift, Java, JavaScript, TypeScript, Kotlin, Git, R, SQL, Python, Angular, ReactJS, Redux, Docker, NextJS, Amazon Web Services, Kubernetes, Prisma, NodeJS...

Operating Systems: Windows XP, 7, 10 and 11, macOS, Linux, Kali, Ubuntu.

WORK EXPERIENCE

FRONTEND WEB DEVELOPER

Billo, Casablanca (Remote)

May 2023 – July 2023

- Implemented and coded user interfaces for the Billo for Senders portal project using Typescript and NextJS.
- Created responsive landing pages as well as several reusable components across different platforms.
- Performed multiple code reviews and acted on feedback provided by other developers.

FOUNDER, SOFTWARE AND SOLUTIONS DEVELOPER

Deviteam @ Al Akhawayn University, Ifrane

Spring 2023

- Founded Deviteam as a unit in ITS to manage all IT projects and solutions made for students by students.
- Organized Hack2Impact in partnership with Huawei and brought in more than 70 participants.
- Quick started the development of two mobile apps using the latest technologies to drive the digital transformation of Al Akhawayn University's campus.

PEER TUTOR

Center for Learning Excellence @ Al Akhawayn University, Ifrane

Spring 2022 – Spring 2023

- Provided academic assistance to fellow students in computer science, engineering, and math subject areas.
- Demonstrated effective communication skills in explaining complex concepts in a clear and concise manner.
- Adapted tutoring techniques to meet the unique needs and learning styles of individual students, resulting in improved grades and academic performance.

SMART SOLUTIONS DEVELOPMENT MANAGER

Beyond Believers Inc., Casablanca

Summer 2022

- Lead and conducted the requirements elicitation and analysis phase and mapped business requirements to software specifications and well-defined user stories using SCRUM methodology.
- Assisted in building and consuming micro-services and Web Services in widely distributed applications using the latest technologies available.

SOFTWARE ENGINEER INTERN

Baldwin Wallace University, Berea

Summer 2022

- Implemented redesign of UI with a single-control-per-view philosophy using C# WinForms.
- Ensured a Backend environment upgrade from .NET 4 to the latest stable release of .NET 6.
- Documented every step of the transitions made to the Backend, Frontend as well as outlined the tools used to automate certain procedures (NSwag, Pomelo...) using a modified XP methodology.

TEACHING ASSISTANT

Software Engineering I @ Al Akhawayn University, Ifrane

Summer 2021

- Updated course plan and designed instruction manuals and guides for different tools and software.
- Developed a three-layer Java program to demonstrate the benefits of using multitier architectures.

General Chemistry I @ Al Akhawayn University, Ifrane

Spring 2021

- Created a laboratory manual for online laboratory sessions.
- Graded and gave detailed feedback on online examinations and tests.

TOOLS

Language: English, French, Arabic, Spanish (Beginner).

Methodologies: Waterfall, Agile, SCRUM, Kanban, Extreme Programming (XP)

Tools: Jira, Bitbucket, Visual Studio, Figma, MySQL, PostgreSQL, Microsoft Office Suite, Adobe CC Suite, LaTeX, iWork Suite, Final Cut Pro X, Pro Tools, Google Suite, cPanel, Plesk...