Yassine HAKKACHE

STUDENT SOFTWARE ENGINEER

As a software engineering student at 1337 school, I am a hardworking and adaptable individual with a strong commitment to delivering high-quality work within deadlines. I thrive in challenging situations and am able to remain focused and solution-oriented even under pressure. Additionally, I place great importance on maintaining trust and confidentiality, and am consistently reliable in all matters of privacy.

EXPERIENCE

STUDENT SOFTWARE ENGINEERING   2021 - Present

- Collaborated with a team of 4 to develop and implement a Pong game website backend, including chat functionality with user-friendly interfaces. Built the logic for a streamlined ad-serving platform that scaled
- Created a high-performance HTTP server from scratch using C++ 98
- Re-implemented popular container types of C++ Standard Template Library
- Utilized Docker-compose to deploy and manage interconnected applications and systems.
- Re-implemented a simple shell program in C.
- Designed and implemented dynamic 3D maze view using ray-casting logic with C and MINILIBX library.

BACHELOR STUDENT IN COMPUTER ENGINEERING

- Online Examination System: Developed an online examination system for a non-profit organization using PHP, JavaScript, MySQL .
- Irrigation System with Arduino Technology and Mobile App: Designed and developed an automated irrigation system using Arduino technology and a mobile app with Android Studio.
- Mobile Car with Arduino Technology: Designed and built a mobile car prototype using Arduino technology. Programmed the car's movements and controls using C++ programming language and Arduino IDE.

PERSONAL SIDE PROJECTS

- Fast Recipes Mobile Application: Developed an Android mobile app using Android Studio, Java, and XML. Published on Huawei AppGallery
- Led competitive programming event "Selem 3la l'code" to introduce new students to programming.
- Breast Cancer Classification using Machine Learning (Python).
- Breast Cancer Classification with Neural Network (Python) .
- Employee Management System (Angular , Spring Boot) in Progress.

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EDUCATION

SOFTWARE ENGINEERING
Mohammed VI Polytechnic University (1337)
2021 - present

BACHELOR IN COMPUTER ENGINEERING
Polydisciplinary Faculty of Taza
2020 - 2021

DEUG IN MATHEMATICS AND COMPUTER SCIENCE
Polydisciplinary Faculty of Taza
2020 - 2021

BTS IN MULTIMEDIA AND WEB DESIGN
Technical High School of Taza
2018 - 2020

FOREIGN LANGUAGE TRAINING: ENGLISH
British Council in Rabat
2017 - 2018

DEUST MATHEMATICS, COMPUTER SCIENCE, PHYSICS
Faculty of Science and Technology of Fes
2015 - 2017

HIGH SCHOOL DIPLOMA IN SCIENCE IN PHYSICS
Ibnou Yassmin High School of Taza
2014 - 2015

SKILLS

- C / C++ / Java / Javascript /python
- NodeJs, ExpressJs, NestJs / (Spring Boot, Angular) in Progress
- UML / Merise / SCRUM
- MySql / PostgresSQL / MongoDB
- Photoshop / Illustrator / Adobe After Effects / Figma
- Docker / Docker-compose / Git

LANGUAGES

- English
- French
- Arabic