Iheb Cherif

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PERSONAL PROFILE

I am a Computer Engineering student in Financial Computing at ESPRIT. I am currently in an exchange program at Hochschule Schmalkalden. I am eager to expand my skills and pursue excellence.

Education

Hochschule Schmalkalden, Germany, Exchange program in Computer Science — Oct 2024 - present

Private Engineering and Technology School ESPRIT- Honoris Group, Tunisia, Engineering degree in Computer Science Science — 2020 - present

Beni Khiar High School, Tunisia, High School Diploma in Experimental Sciences — 2016 - 2019

Experience

Neopolis Development, Engineering Intern — July - Aug 2024

- Enhanced the Tunisian Accountants Association CCT website by implementing dynamic menus based on user roles and privileges, improving access control and functionality

Core Gym, Immersion Internship — Feb - May 2023

- Developed a multiplatform application for purchasing sports equipment, creating and sharing sports events, and connecting users with private coaches.

Projects

DevOps Project — Nov 2024

- Designed and implemented a CI/CD pipeline for a Spring Boot application to automate testing, building, and deployment processes, ensuring efficient delivery and robust security. - Jenkins, Docker, GitHub, Maven, JUnit, Mockito, JaCoCo, SonarQube, Trivy, Prometheus, Grafana, Nexus3.

All People Invest (API) — Jan - May 2024

- Developed an application for managing micro-insurance and micro-credit with financial simulators and a customer tracking dashboard. - UML, SpringBoot, Angular, Java, TypeScript, GIT

Life Actuarial project — May 2024

- Conducted actuarial risk modeling using data analysis, Monte Carlo simulations, and mortality models to evaluate risks and determine insurance premiums. - R

Financial analysis Project — Mar 2024

- Managed a financial portfolio for the Tunisian stock market, calculating returns and risks using VaR and developing a simulation tool. - Excel, VBA

Skills

Modeling and Methodologies: UML, Agile Scrum

Programming Languages: C, C++, C Sharp, Java, PHP7, JavaScript, HTML, CSS, TypeScript, R, Python

Frameworks and Tools: Symfony, JavaFx, Qt, Codename One, Angular, SpringBoot, DotNet, Jenkins, Docker, Docker Compose, SonarQube, Nexus3, Prometheus, Grafana

Databases: MySQL, PLSQL, SQL Server, Oracle

Others: Maven, GitHub, Trivy, Linux, Pic16F84, Arduino, Adobe Photoshop

Languages

Arabic : Native   **French :** C1   **English :** C1   **German :** A1