FIRAS AJENGUI

Software Engineer Intern

📞 (+36)306013858   @ firas.ajengui@gmail.com   🔗 **Agfiras (Firas Ajengui)**   🔗 **Firas Ajengui | LinkedIn**

EXPERIENCE

Software Engineer Intern

Adok,le Hub tactile

📅 03/2024 - 08/2024   📍 Paris, France

- Developed Windows service using **.NET** and **C#**, and linked it to the driver, allowing the hardware to optimize energy consumption by 50% through Windows power management.
- Pioneered the integration of advanced functionalities on both **Meta** Quest 3 and **HTC** Vive XR Elite VR platforms, directly contributing to a tool enabling real-time manipulations within mixed reality.
- Analyzed client requirements and engineered intuitive interfaces that integrated hardware into existing applications with Microsoft Power Apps to enhance user experience for over 10 active clients.

Embedded Software Engineer Intern

National Office Post

📅 02/2022 - 05/2022   📍 Tunis, Tunisia

- Configured and engineered the electrical circuit and the Raspberry Pi 4 B board with **Python** for a smart mailbox solution, solving the lost parcels problem.
- Developed web and mobile solutions for the administrative and user side to visualize the movement of parcels and notify the user. Using (React.js, HTML, CSS, JavaScript, **SQL**, Flutter,).
- Deployed the **MQTT** protocol with the HiveMQ to link the hardware and the software

Technical Support Agent

Transcom

📅 09/2022 - 09/2023   📍 Tunis, Tunisia

- Managed the logistics and quality issues related to the **Vinted** application for the french market, ensuring optimal user experience. Achieving a quality rate of 90% per month.
- Moderated the content on the platform, ensuring that quality and safety standards are adhered to. Maintaining an error tolerance of 20% per month.

EDUCATION

Master's in computer science

University of Szeged

📅 2023 - Present   📍 Szeged, Hungary

Bachelor's Degree in Embedded systems

Higher institute of computer science

📅 2019 - 2022   📍 Tunis, Tunisia

PROFILE

Student in the 2nd year of a Master's degree in Computer Science, with a degree in Embedded Systems. Curious and passionate about technology and Sci-fi, I'm interested in ideas that can make human life better with technology, I have a constant desire to learn, explore new horizons and contribute to innovative projects.

LANGUAGES

French: TCF C1

Englsih: IELTS C1

Arabic: Native

Hungarian: A2

SKILLS

Technologies

Blockchain, MongoDB, XR, Docker, .NET, Git, Linux, IoT, Windows, CI/CD,

Softwares

Android Studio, Proteus, Visual Studio, TIA Portal, Adobe XD, MySQL

Programing languages

C#, Python, SQL, Flutter, C++, Javascript, Dart, Go

HOBBIES

🎬 **Cinema**

🏊 **Swimming**