

RANIM DRIDI

IT ENGINEERING STUDENT | LOOKING FOR WORK-STUDY OR JOB OPPORTUNITIES

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SUMMARY

As a first-year IT Engineering student, I am highly motivated to learn, build hands-on experience, and engage in real-world technical challenges. I am seeking a work-study (apprenticeship) or entry-level position where I can strengthen my skills, contribute to impactful projects, and grow within a dynamic team environment.

TECHNICAL SKILLS

IoT Systems(RPI4,ESP32,arduino)	python	Technical Adaptability
Network Security & Firewall Configuration	Machine Learning(basic model)	Self-Learning & Technical curiosity
React , nodejs , express mongoDB	API Development (REST – GET, POST, PUT, DELETE)	Problem-Solving in Real-Time Environments

PROFESSIONAL EXPERIENCE

Full stack Developer , head office of bank of tunisia

Aug 2024 - Aug 2024

Employee Managment System for Bank :

- Developed an Employee Management System using Node.js, Express, and MongoDB
- Implemented full CRUD operations: GET, POST, PUT, DELETE
- Designed RESTful APIs for seamless backend integration

Full Stack Developer – Final Year Internship , "At Horizon Data, Tunis" Feb 2025 - May 2025

Smart IoT-Based Cybersecurity Firewall – Raspberry Pi 4 & AI

- Developed an AI-powered IoT firewall using Raspberry Pi 4 and OpenWRT
- Built a full-stack web interface with React, Node.js, and MongoDB for managing firewall data
- Integrated DNS filtering (AdGuard), real-time monitoring (Netdata)
- Implemented log analysis, anomaly detection, and an AI chatbot for system administration

EDUCATION

High School Diploma in Experimental Sciences

september 2021-june 2022

- Zahrouni high school
- with an acceptable academic average"

Bachelor's Degree in Computer Engineering, with a specialization in the Internet of Things (IoT)

september 2022 - May 2025

- Higher Institute of Applied Sciences and Technology of Mateur, Tunis
- Graduated with honors – 'Bien'

ITEAM University — First-Year Engineering Cycle (IT Engineering)

September 2025 – Present

ADDITIONAL INFORMATION

- **Languages** : English, French.
- **Certifications** : CLE Certification – Understanding the Company, ISSAT Mateur / ILO / AFD – 2024–2025
- **Awards/Activities** : I participated in the CLE Program – Understanding the Company (2024–2025), organized by ISSAT Mateur, ILO, and AFD, as well as multiple IoT & AI student workshop series (2023)
- I am currently a member of the ITEAM Junior Executive Board (in the process of being established), serving as Secretary General.