



Mintoua Toupkandi

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Computer Engineering Student, option Embedded Systems and Software

Professional Experience

Logone Digital (logonedigital.com)

02/22 - 03/22

Web Developer

Development of LogoneDigital's website

- Technologies used: PHP (Symfony 5, MySQL)
- Deployed on IONOS

ESPRIT (École Supérieure Privée D'ingénierie Et De Technologie) Tunis

07/21 - 08/21

Intern

Internship, Web and Software Development

- We created an Desktop application with the web page for image edge detection and extraction.
- Technologies used: OpenCV, Python (Tkinter,Django)

Education

ESPRIT (École Supérieure Privée D'ingénierie et de Technologie Tunis)

09/18 - Emploi actuel

Computer Engineering - Engineering

Lycée Bilingue de Maroua, Cameroun

09/17 - 07/18

Baccalaureat Diploma - Baccalaureat

Projects

Safety Helmet

10/21 - 04/22

- A "Smart and Safety helmet" with an geolocation technology and with sensors as Gas Detection, Light detection (Torch for Dark places)
- Electronics components: LoRA ESP32, GPS Module, Raspberry Pi 3B+, Arduino
- Technologies: NodeJs, Python, Arduino, Symfony (for Web Dashboard), Android Studio (for the Mobile App)

Cross-platform application for job offers (web, desktop, mobile)

10/20 - 05/21

- <https://github.com/ryaanm/jobBoard-web>
- <https://github.com/oussemamaknii/JobHub-Desktop-Application>
- <https://github.com/oussemamaknii/Mobile-app>
- Technologies (Symfony, JavaFx, Codename one, MySQL)

Smart Necklace

11/21 - 02/22

- A collar that can monitor the temperature of cows and protect them from theft attempts.
- Electronics: STM32F407VG, Arduino Uno, DHT11, Buzzer.
- Technologies : Arduino, CubeMx, IAR Embedded

- An application that offers users to list the clothes from their dressing room in order to create an appropriate outfit according to the weather, the occasion of the outing, and their wardrobe.
- Technologies : OpenCV, Python(Tkinter, Keras, Pytorch),

Agricultural Farm Management Software – Management Materials**10/19 - 05/20**

- Agricultural Farm Management Software – Management Materials [https://github.com/Parsath/LaFerme/tree/master/LaFerme](https://github.com/Parsath/LaFerre/tree/master/LaFerme)
- Technology: QT Framework

Certificates

- HTML,CSS,JAVASCRIPT: coursera.org/verify/F2G5VKDWT6GK
- IOT: coursera.org/verify/specialization/BCNCK74ES8QU
- Renewable energy: coursera.org/verify/5WC646M7FUML
- Neuromarketing: coursera.org/verify/L2DFUT6G5DNY
- Inspiring & Motivating: coursera.org/verify/5NLGL4EXZ4TK
- Successful Negotiation: coursera.org/verify/4XR67EJJCAN9
- Write Professional Emails in English: coursera.org/verify/XUBR4B5FSZQ5
- CCNA Switching and Routing

Programming Languages And Tools

- Web Development: PHP (Symfony, Laravel), Python (Django), JavaScript (Angular, NodeJs), Java (Spring Boot), C#, MySQL.
- Mobile Development: Flutter, Java.
- Electronics and Embedded Systems: Embedded C, C++, Assembler, Python, Shell, Yocto, Buildroot.
- Tools: VSCode, Pycharm, IntelliJ, Android Studio, Wampserver, Visual Studio, STM32, CubeMx, MPLAB, mikroC Pro for PIC, Flex, PostMan, Eclipse, Arduino, Oracle.
- Operating Systems: Ubuntu, Kali Linux, CentOS

Languages

- French: Native
- English: B2 Level
- German: A1 Level
- Arabic: Beginner

Key Skills

- Knowledge of electronics, telecommunication systems
- Knowledge of network protocols and systems
- Knowledge of web applications
- Analytical and mathematical abilities
- Propensity to problem solving
- Attention to detail and precision

Interests

- Sports (Football, BasketBall)
- Arts (Music, Drawing)
- Neuro-Sciences documentaries