TAHENI DZIRI

COMPUTER SCIENCE ENGINEERING STUDENT

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Taheni Dziri
Tunisie

Third-year Software Engineering student with a strong foundation in programming and system design, constantly seeking new opportunities to further develop my skills.

EXPERIENCE

JUNE 20, 2024 - AUGUST 20, 2024 SUMMER INTERNSHIP

SFM Technologies

- Creation of an automated dashboard for the Data Management Platform of the Observatory of Electronic Communications Markets on behalf of ARCT.

JULY 1, 2023 - AUGUST 1, 2023 SUMMER INTERNSHIP

Sagemcom Tunisie

- Creation of a BI solution to automate and facilitate the monitoring of sales and purchase processes

EDUCATION

2022-PRESENT COMPUTER SCIENCE STUDENT

National School of Computer Science (ENSI)

- Third year

2020-2022 PREPARATORY INSTITUTE DIPLOMA

Preparatory Institute for Engineering Studies of Monastir (IPEIM) Monastir

- Physics-Chemistry

2016-2020 SCIENTIFIC BACCALAUREATE

Sbikha High School Kairouan

- Scientific Baccalaureate

PROJETS

- **DESIGN AND DEVELOPMENT PROJECT:AI-POWERED SKIN ANALYSIS TOOL**

  Description: A skin analysis tool capable of detecting various skin conditions and providing personalized recommendations.
  Keyword: Deep Learning, Generative AI

- **AUTOMATED UNIT TESTING FOR SPRING PETCLINIC**

  Description: Developed and automated unit tests for a Spring Boot application, achieving 70% code coverage using JUnit, Mockito, and JaCoCo. Integrated CI/CD pipeline for automated test execution.
  Keyword: Unit Testing, JUnit, Mockito, JaCoCo, Spring Boot, CI/CD

- **ENTERPRISE ARCHITECTURE DESIGN FOR ENSI USING ARCHIMATE**

  Description: Designed ENSI's enterprise architecture using ArchiMate in Archi software. Focused on improving operational efficiency and aligning IT systems with organizational goals across business, application, and technology layers.
  Keyword: ArchiMate\Enterprise Architecture

- **SELF-DRIVING CAR USING COMPUTER VISION**

  Description: Built a self-driving car model using computer vision with YOLOv8 for object detection and path planning. Trained on a custom dataset, enabling real-time road element recognition and navigation.
  Keyword: Computer Vision, YOLO

TRAINING

- Supervised Machine Learning Regression and Classification - Coursera
- Python for Data Science, AI & Development
- Intro to Deep Learning - Coursera
- Data Analysis with Python from freeCodeCamp

SKILLS

- HTML , CSS , JavaScript
- PHP
- C , C++, Java
- Python
- SQL/PL-SQL /MongoDB
- UML/Langage B
- business intelligence
- ReactJS / NodeJS
- Bootstrap
- Hibernet

INTERESTS

- Sports / Camping

COMMUNITY LIFE

- Open Source Software ENSI Club (OSSEC)
  Sponsorship Manager
- ENSI Competitive Programming Club (ECPC)
  Active member
- microsoft student ambassador

LANGUAGES

- English
- French
- Arabic