ELKASIRI Hajar

💼 Software Engineering Student

📱 (212)700323158　　　✉ hajar.elkasiri3@gmail.com　　　in ELKASIRI Hajar

Professional Profile

Passionate about software engineering, I am currently pursuing a degree in Software Engineering. **I am seeking a summer internship in Development and Artificial Intelligence to contribute to innovative projects, deepen my skills in AI technologies, and gain hands-on experience.**

Experience

- **Software Engineer Intern – CDG Prévoyance**　　　　　　　　　　　**July – August 2024**

Designed and developed an interactive system for evaluating programming skills in technical interviews. Implemented real-time validation for coding challenges to automate assessment and improve accuracy. Used Spring Boot and MySQL for the backend, and HTML, JavaScript, and CSS for the front-end interface.

Projects

- **AI-Driven Profile Identification System**　　　　　　　　　　　**Academic Project**

Developed an AI-powered web application for candidate selection, using BERT, TF-IDF, and cosine similarity for profile matching. Implemented a recommendation engine based on skills and experience.

- **Internship Management System**　　　　　　　　　　　**Academic Project**

Designed and developed a decentralized system using Oracle APEX and Oracle Database, following the Merise methodology. Integrated real-time internship offer management and applications, along with an interactive dashboard for statistical monitoring.

- **Compiler and Interpreter Development**　　　　　　　　　　　**Academic Project**

Designed a compiler with lexical, syntax, and semantic analysis, including a token-based parser and P-code interpretation.

- **Cosmetic Product Property Prediction**　　　　　　　　　　　**Personal Project**

Developed a machine learning model to predict cosmetic product properties based on their ingredients, using multi-label classification algorithms and an interactive user interface.

- **Facial Emotion Recognition**　　　　　　　　　　　**Academic Project**

Built an interactive web application to detect human emotions from facial images, using deep learning and computer vision techniques with convolutional neural networks (CNNs).

Education

National School of Computer Science and Systems Analysis (ENSIAS)　　　　**Rabat, Morocco**
Engineering Degree in Software Engineering　　　　　　　　　　　Sept 2023 - Present

CPGE - Preparatory Classes for Engineering Schools　　　　　　　　**Meknes, Morocco**
Mathematics, computer science and physics　　　　　　　　　　Sept 2021 - Jun 2023

Skills

- **Programming Languages** : Python, Java, R, C, SQL
- **Libraries/Frameworks** : Spring Boot, TensorFlow, Scikit-Learn, Pandas, NumPy
- **Databases** : MySQL, Oracle Database, PL/SQL
- **DevOps CI/CD** : Docker, Jenkins, Git, Grafana, Prometheus, Git, Linux
- **Web Development** : HTML, CSS, JavaScript, Angular, React
- **Cloud Tools** : Oracle Cloud, Oracle APEX, Git, Eclipse, Jupyter Notebook, Cisco Packet Tracer
- **Soft Skills** : Problem-solving, teamwork, adaptability, active listening, Agile, Scrum, Design thinking
- **Languages** : Arabic, English, French

Certifications

- Artificial Intelligence Analyst Certificate - IBM
- Python - Kaggle Learn

Extracurricular Activities

- **Head of Sponsorship Cell**, IEEE ENSIAS　　　　　　　　　　　Sept 2023 - Present