Amani LAIFI
Software Engineering Student

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Enthusiastic second-year software engineering student at ENSI, driven by a fervent passion for competitive programming, deep learning, web, and mobile development. With a thirst for challenge and innovation, I'm eager to expand my horizons by delving into more projects that blend the art of coding with the science of AI, while also crafting engaging experiences for web and mobile platforms.

Education

National School of Computer Science	*Sep 2022- Present*
Preparatory Institute of engineering studies of tunis	*Sep 2020 - Jun 2022*
Pioneer High School Bourguiba Tunis	*Sep 2016 - May 2020*

Skills

- Programmig Languages : C/C++, Python, Java, JavaScript, HTML/CSS, PHP, Shell

- Frameworks and Libraries: Django, Tensorflow, Mediapipe, Flutter

- Database Management Systems: SQLite, MySQL

- Versionning: Git , Github

- Others: Deep Learning, CNN, Data Annotation

- Soft Skills: Problem-Solving , Competetive Programming

Projects

Gaming Website   *Feb 2023 - Mai 2023*

Created and developed an online gaming platform, featuring nine diverse games. Leveraged HTML, CSS, and JavaScript to craft a dynamic interface, interactive game pages, and user profiles.

Stock Management Plateform   *Oct 2022 - Dec 2022*

Developed a stock management plateform using C for backend operations, ensuring efficient inventory tracking and data management.

Invoice Management Application   *Jul 2023 - Aug 2023*

Created a robust invoice management platform using Java Swing and a database for data storage. Demonstrated expertise in Java programming for developing a user-friendly interface, ensuring effective invoice tracking and management

Tunsian Sign Language Recognition Tool   *Feb 2024 - Apr 2024*

Built an AI model using TensorFlow and MediaPipe to recognize Tunisian Sign Language gestures. Custom dataset creation, annotation, and preprocessing were followed by MediaPipe integration for real-time hand detection.

Sentiment Analysis Image Classifier   *Dec 2022 - Jan 2024*

Developed an image classifier using TensorFlow for sentiment analysis. Trained the model to classify images based on sentiment.

Note Application with Flutter and Django   *Mar 2024 -Apr 2024*

Created a note-taking application using Flutter for the front-end and Django for the back-end. The application allows users to create, edit, and delete notes, with data synchronized between the mobile app and the server.

Certificats

6th Prize at CODE HER WAYS (Competetive Programming Competition)   *Mar 2023*

Certificate of Participation at Winter Cup INSAT   *Mar 2023*

Certificate of Participation at EPT Solving Cup   *Mar 2023*

Certificate of Participation at IEEEXTREME   *Jan 2024*

Certificate for completing the course "Introduction to TensorFlow   *Dec 2023*
for Artificial Intelligence, Machine Learning, and Deep Learning." by Deeplearning.AI

Certificate for completing "Convolutional Neural Networks" by Deeplearning.AI   *Oct 2023*

Certificate for completing "Supervised Machine Learning: *Jul 2023*
Regression and Classification" by Deeplearning.AI

Certifiacte for completing "React Basics" Course by Meta   *Jun 2023*

Extracurricular activities

Human Resources Director at TUNSA ENSI   *Sep 2023- Present*

Member at CPC ENSI   *Oct 2022 - Present*

Member at ARE ENSI   *Sep 2022 - Present*

Member at IEEE SB   *Sep 2022 - Present*

Languages

- English C1

- French B2

- German A2