Syrine Jlassi
Software engineering student

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📍 *Tunis, Tunisia*

- Driven and detail-oriented individual seeking a Project Graduation Internship.
- Dedicated to producing outstanding results within deadlines, with strong persistence and reliability.

Experience

Welyne
Software engineering intern *June 2024 – August 2024*
Tunis , Tunisia
- Developed an automated system for clothing size measurement using computer vision.
- Collected, prepared, and analyzed diverse datasets to support classification and landmark extraction tasks.
  Technologies: Python, Anaconda, YOLOv5, MMpose, OpenCv, PyTorch.

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Intern *June 2023 – July 2023*
Tunis, Tunisia
- Completed an observational internship focused on the assembly process of electronic cards and their applications in various fields.

Projects

Real-Time Data Streaming Pipeline *2024*
- Designed and implemented a real-time data pipeline architecture for processing and analyzing weather streaming data.
- Built an ETL process within the pipeline to extract data from Open Weather API1 and load it into a Mongodb database for storage and querying.
  Key words: Apache Kafka, Apache Airflow, Apache Spark, MongoDB, Zookeeper, Docker, Open Weather API1.

Pricing Microservice Development *2024*
- Built a Pricing microservice to calculate product prices based on base price, promotions, and coupons.
- Designed RESTful API endpoints for price retrieval and updates.
  Key words: SpringBoot, Java, Postman, Docker, Maven.

Alzheimer's Disease Prediction using EEG Data *2024*
- Developed and implemented machine learning models to predict Alzheimer's disease using EEG data.
- Processed EEG data into raw, statistical, and autoencoder-based formats
- Conducted Grid Search hyperparameter optimization to improve the weakest-performing models.
  Key words: Python, TensorFlow, ML, Matplotlib, SVM, Random Forest, K-NN, Decision Tree.

Project management application *2024*
- Created a platform to manage projects, tasks, and deadlines, streamlining team collaboration and project tracking.
- Created dynamic JSP (JavaServer Pages) to render the user interface and display project details, tasks, and statuses.
- **Key words: Java EE, MVC, wildfly, JSP.**

Medical clinic management application *2023*
- Developed a comprehensive platform to manage patients, medical records, appointments, and clinic operations.
- Integrated ORM with Entity Framework, streamlining database interactions and enhancing application efficiency.
- Built a user-friendly web interface using ASP.NET.
  Key words: UML, C#, ASP .Net, MVC, sql server, scrum, agile, Entity Framework, OOP.

Education

Engineering degree *2022 – present*
Tunis, Tunisia
- Major : Computer science | School: National School of Engineers of Tunis

Pre-Engineering School diploma *2022 – present*
Tunis, Tunisia
- Major: maths and physics | School: Preparatory Institute for Engineering Studies of El Manar | Rank 252/1823

Skills

Programming Languages: Java, C++, C#, Python.

Frameworks: Spring boot, Angular, Java EE, .NET, Apache Spark, Quarkus, Node.js.

Tools: Git, Docker, Apache Kafka, Zookeeper.

Databases: MySQL, MongoDB, Firebase,SQL server, Hive, MongoDB, PostgreSQL.

Extracurricular activities

- Senior member at A Smile for Everyone : Organized and participated in humanitiarians events. *2021 – Present*
- Co-founded and served as General Secretary of Interact Club Tunis Cesar. *2017-2022*

Languages

French: B2   Arabic: native   English: B2

Interests

Puzzles- Photography - Volunteering - Music