# Ahmed Mezghani

# Computer Science Student

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Website: Portfolio Github: MyGithub

#### **Android Mobile Application Development**

#### ByteTehch

- Developed a mobile app for selling computer equipment using Java.
- Includes product catalog: mice, mouse pads, PC components.
- Demonstrated proficiency in object-oriented programming and Android UI.

# **PERSONAL PROJECTS**

**CONTACT** 

# Computer Vision System Development (Python)

- Used Python, YOLO, and Supervision libraries for real-time object detection.
- Detected players, referees, and ball in football match videos.
- Provided an automated system for match analysis.

### **Event Booking Website**

- Front-end: HTML, CSS, JavaScript.
- Back-end: PHP with form handling and database management.
- Enables users to book events through a simple and responsive interface.

#### **Portfolio Website**

- · Built with React and Tailwind CSS.
- Integrated an automatic email sender API for direct user contact.
- Embedded an Al-powered chatbot for real-time interaction and support.
- Focused on responsive design and seamless UX across all devices.

#### VisioTrack – Real-Time Capacity Monitoring System

- Developed a computer vision system using YOLOv8, DeepSort, and PyTorch for real-time people tracking.
- Trained a custom dataset to classify clients vs employees.
- Created a React + Tailwind CSS dashboard with data visualizations.
- Integrated frontend and backend using a custom API.

## **EDUCATION**

**CERTIFICATS** 

- Engineering Student in Computer Science, National School of Engineers of Sfax (ENIS) - 2024-2027
- National Competitive Exam, Admission to Engineering Schools 2024
- Baccalaureate in Mathematics, Tunisia 2022

Introduction to Data and Data Science – 365 Data Science

A clear introduction to the fundamentals of data science: data types, data lifecycle, collection, cleaning, analysis, and visualization.

## Python Data Associate (Certified by DataCamp):

Mastery of Python basics, data manipulation with NumPy and pandas, visualization with Matplotlib and Seaborn, and application to exploratory data analysis.

# **PERSONAL EXPERIENCE**

Media Member in Pitch Yourself For A Career PYFAC-X

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Participated in Hello World 5.0

**LANGUES** 

**Arabic** 

French

**English**