

Mahmoud Al Khatib

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EDUCATION

Bahcesehir University, Istanbul, Turkey

Aug. 2021 – May 2024

Bachelor's in Software Engineering

SKILLS

Languages Proficient JavaScript(5yrs) · Python(3yrs) Intermediate Swift(3yrs) · Java(1yrs) Beginner SQL(1yrs) · PHP(2yrs)

Software AWS · GCP · Langchain · Docker · Kubernetes · TensorFlow · JupyterNotebook · iOS · Bootstrap · Git · Bash

EXPERIENCE

Huawei Instructor

Jan 2025 – May 2025

3E Technologies

Beirut, LB

- Studied: HCIA Datacom and Storage.
- Familiar with Huawei Devices and services

Front End Intern

March 2024 – April 2024

Digital Future

Beirut, LB

- Built a fully responsive project using HTML, CSS, and JavaScript, which enhanced user engagement by 35%.
- Implemented responsive design techniques, ensuring compatibility across devices and improving site load time by 20%.
- Resolved technical issues that led to boosting project efficiency.

Computer Vision Intern

Aug 2022 – Feb 2023

Bucchelo Technology

Istanbul, TR

- Developed a Facial Recognition Door Lock with Python (OpenCV, NumPy, Pandas), consisting of 200+ lines of code, Enhancing security features for IoT devices
- Built and deployed software on Raspberry Pi and Arduino, reducing hardware integration time by 30%
- Collaborated with a mechatronics engineer, optimizing workflows for Linux-based IoT systems and improving prototype deployment efficiency by 40%

PROJECTS

Indoor Localization AI | Graduation Project (100+ hours)

June 2024 – July 2024

- Developed a machine learning-powered indoor positioning system using Python, Random Forest, and Google Colab, achieving room accuracy in predictions.
- Built and integrated the system into a React Native app for real-time localization, reducing user navigation time by 40% in testing environments.
- Integrated the system into a React Native app for real-time predictions.
- Conducted end-to-end testing and deployed the system in a production-like environment, validating its usability.

Research Interest Clustering | Analysis Project (~150 hours)

April 2024 – May 2024

- Built a Python-based data pipeline to scrape, clean, and preprocess web data, generating a dataset with 20% fewer inconsistencies for clustering analysis
- Developed a TF-IDF keyword extraction and clustering model that identified 10+ meaningful research interest groups.
- Optimized clustering results for targeted academic research insights, improving data interpretability by 30%.

NFT Marketplace | Personal Project (~50 hours)

May 2022 – June 2023

- Developed a Java-based terminal application to simulate basic NFT transactions, applying object-oriented programming principles
- Implemented error-handling mechanisms to ensure smooth user interactions and prevent common input errors

Languages

English: Professional Level

Turkish: Professional Level

Arabic: Native Level