

# Hamмам Khaled

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## EDUCATION

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### Birzeit University, Palestine

*B.S. in Computer Engineering*

*June 2024*

Relevant Coursework:

- Data Structures and Algorithms, Introduction to Computer Systems, Introduction to software engineering, Database, Machine Learning and Artificial Intelligence.
- Multivariate Calculus, Concepts of Mathematics, Differential and Integral Calculus.

## PROJECTS

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### Gym Management & Authorization system - *Web App*

- Designed and implemented website App that manage subscriptions of a gym and store fingerprint templates of members by integration with a SDK of zkteco product.
- Authorized members who have active subscription could enter the gym by their fingerprint by an http request between ESP32 and the Gym system.

### Content-based image retrieval System - *Python CBIR, Web App*

• Created retrieval model by using image processing techniques to identify a dataset of classified images. The CBIR model integrated with a Flask web application to let users retrieve images based on their input and configuration of the CBIR.

### Car Dealer App - *Android App*

- Developed an app for car dealers to list vehicles and users to reserve and pay for time slots.
- Integrated a secure payment system and designed an intuitive user interface for enhanced user experience.

### Machine Learning Tweet Classifier - *Web App*

• Developed a model to classify tweets, either its a positive tweet or a negative one. And as well obviously a web app was used to let others use the model and test it.

## ACCOMPLISHMENTS & LEADERSHIP

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### Jerusalem Hackathon

*2nd Place*

**Jerico**

*2021*

- Propose a digital identification for citizens and develop a system to support this id.

## TECHNICAL SKILLS

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### Programming Languages

- Python - HTML/CSS - Vercel - Flask  
- C - Javascript - React - Alembic  
- Java - Git / Github - Tailwind

### Skills

- Full Stack Web Development  
- Data Parsing  
- Machine Learning