

HARUN MOHAMED.

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EDUCATION

Near East University, Nicosia, Cyprus

Jan 2022

Bachelor of Science: Software Engineering - 3.7/4.0 GPA

Coursework includes: Programming and Problem Solving, Data Structures and Algorithms in Python, Machine Learning, Image Processing, Economics and Management for Engineers, Computer Organization and Architecture

PROFESSIONAL EXPERIENCE

GÜNSEL MOTORS (Electric Vehicles)

Feb 2022 -

Software Engineer – Digital Instrument Cluster Team

- Working on the Digital Instrument Cluster of the Günsel B9 Model using Qt, JS and C++
- Interfacing with other hardware modules such as ECU's, BCM, TCU and BMS and encoding received signals into a CAN database
- Collaborating with teams such as Design & Battery Management System (BMS) to develop cutting edge solutions for the Günsel B9

GÜNSEL MOTORS (Electric Vehicles)

Aug 2021 – Feb 2022

Software Engineering Intern

- Developed the user interface and transition logic for the Digital Instrument Cluster of the Günsel B9 using Qt, JS and C++
- Collaborated with other teams to come up with a CAN signals database and use signals to simulate events in the instrument cluster
- Teamed up to build innovate and intuitive software based on industry benchmarks and leading standards

JP Morgan & Chase Software Engineering Virtual Experience

Dec 2020 – Jan 2021

Software Engineering Participant

- Analyzed stock price data using JP Morgan & Chase open-source Perspective tool
- Developed a trader's dashboard to display data from the stock price data field computed using real world stock prices
- Earned a certificate of completion for completing the program in recognition of skills demonstrated

PROJECT EXPERIENCE

CABEE

Sep 2021 - Present

Project Lead

- Developing a ride sharing application for students in Cyprus for my graduation project powered by a Price Estimation Algorithm
- CABEE is under development using React Native, Firebase by Google as the backend service and Google Maps API's

BAMBI

Feb 2020 -

Project Lead - <https://bambi.app>

- Developed a social network for Near East University students to find their classmates, make friends and have academic discussions.
- Served as project lead, and established weekly goals to deploy newer features and improve the codebase
- Coded the web application with Bootstrap on the frontend and Flask Python as the backend with an SQLite Database
- It also contains a matchmaking feature that employs Set Theory and a simple rating model to recommend users with the same rating to each other

LEADERSHIP EXPERIENCE

President's Award Club

2015 - 2017

Chairman

- Voted Chairman of the President's Award Club at The Alliance High School in 2016 and served till end of 2017
- Honored by the President of Kenya with the Gold Award for showing compassion to the community by helping rebuild the Huruma Children's Home

Yale Young African Scholars

August 2016

Fellow

- Selected by Yale University to become a Yale Young African Scholar for their 2016 program in Harare Zimbabwe
- Participated in a week's long mentorship program together with students from countries all around Africa

TECHNICAL SKILLS

- Proficient in **Qt & QML, HTML5, CSS3, Python, Flask, Pandas, SQL, Git, Command Line**
- Certifications include: **FreeCodeCamp Responsive Web Design, IBM Data Science Professional Certification**
- Limited working proficiency in **JavaScript, C++, React, React Native, Django, Flutter and Firebase**