Sara Hindy Salfer

Contact

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Git

Profile

Excellent mathematical and logical skills.
Performance-driven with high interpersonal and analytical skills.
Creative, flexible, proactive, amazing self-learning ability, works great individually and in a team.

Volunteer Experience

2014-2019- Darchei Rachels Mentoring program: Helping students with difficulties preparing for English and math tests.
2015-2017- RBS A Tzedakah Fund: Assisted needy families.

Skills

Python
C/C++
JAVA
Full Stack Developing (React, JS, Node JS, CSS, HTML)
SQL, Mongo DB

Language

English: Native
Hebrew: Native

Education

2020-2021- ADVA program by Scale-Up Velocity / Start Up Nation Central - 2 years professional computer science training and an intensive hands-on programming bootcamp.

Program includes:

Core studies:

* Mathematics core studies (university-based)
* CS core studies (university-based)

Advanced studies:

* Selected topics in advanced CS (university-based)

Hands on bootcamp:

* 11 weeks; full day training
* Increased focus on high-quality, industry-based coding practices.
* Advanced programming techniques in Python; web, data, and machine learning libraries
* OOP, design patterns, product life cycle.
* Working in teams on industry-based projects and hackathons.
* Databases and servers
* Linux and Windows (including cross-platform projects)
* GIT
* Debugging sessions
* Presentation and communication skills

Projects (in Python):

Google (~30h challenge):

Search and auto-complete sentences within given input text files, manipulating data with complex data-structures.

Mobileye (~120h challenge):

Detect traffic lights in a stream of images, measuring the distance to them during run-time. This project contains the following stages:

- Source light detection using convolutions with high/low pass filters.
- Generating and training CNN using the previous stage as input; deducing the traffic lights in the image (using TensorFlow).
- Estimating the distance (from the camera) to each traffic light-requiring geometric and linear algebra manipulations.
- Integrating all previous parts into a functional and intuitive SW product.

Project in Full Stack:

Created a fully operating web application for buying and selling art including both Front and Back end. Using ReactJS, CSS, NodeJS and MongoDB

2015-2019 – Studied at Darchei-Rachel High-School Beit Shemesh with preparatory training course in graphics and design