Yehonatan Hezkiya

yhezkiya@ucsd.edu
(760) 587-8832

Career Objective: To obtain a software engineering internship in a collaborative environment and get industry experience with various languages

Education:

University of California, San Diego   2022 Expected
B.S. in Computer Science

Experience:

SB Hacks   January 2019
- Built a mobile app called BitPic using Java in Android Studio
- Used Google Cloud Platform Vision API to query images for objects
- Used SnapKit API to retrieve relevant Bitmoji stickers based on photo taken

Discord Bot   December 2018 - January 2019
- Created a bot on Discord platform using discord.js library
- Used javascript extensively along with JSON to store and retrieve data for users

SPIS (Summer Program for Incoming Students**)**   August 2018 – September 2018
- Created fractal trees using recursion
- Modified pixels in images using PIL (Python Image Library)
- Used Markov chains and dictionaries to build machine learning algorithm to generate sentences matching the style of input text
- Used Python's BeautifulSoup library to scrape information from campus dining halls
- Built a website that presented data from UCSD Dining Halls in tables

College of the Desert's CODe Summer Program   June 2017
- Introduced to coding with Arduino and Raspberry Pi in C
- Used Arduino to present the distance an object is from its ultrasonic sensor

Cyberpatriot (Hosted through the US Air Force)   October 2017 – November 2017
- Worked on a team to solve cybersecurity issues on different operating systems
- Worked on Ubuntu, Windows 7, and Windows 10

CS50   August 2017 – February 2018
- Online introduction to CS taught by Harvard Computer Science professors
- Introduced to C, Python, and SQL
- Learned about pointers, nodes, hash tables, flask, and the heap and stack

Skills:

- Programming Languages: Python, Java, C, Javascript
- Vim editor
- Linux