Yehonatan Hezkiya

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PROJECTS

Impulse (Caltech Hackathon)   **March 2019**
- Worked primarily on **backend**, utilized **node.js** with oauth2 flows with Gmail API to grant users permissions
- Implemented Google Cloud Platform's Natural Language Processing API to predict status of application
- Built **frontend** in **JavaScript** using **React** framework and interactions with REST API
- **Won** Most Aesthetic/Well-Designed Hack

BitPic (SB Hacks)   **January 2019**
- Worked on **backend** on a mobile app called BitPic using **Java** in Android Studio using Android framework
- Used Google Cloud Platform Vision API to query images for names of objects located in the image
- Used SnapKit API to retrieve relevant Bitmoji stickers based on photo taken

Discord Bot (Personal Project)   **December 2018 – January 2019**
- Created a bot on Discord platform using discord.js library interactions with Discord API
- Used **JavaScript** extensively along with **JSON** to store and retrieve data for users
- Periodically retrieve user messages and perform algorithms based on commands

EDUCATION

University of California, San Diego   **GPA: 3.575**   **June 2022**
B.S. Computer Science

PROGRAMS ATTENDED

SPIS (Summer Program for Incoming Students)   **August 2018 – September 2018**
- Learned first order Markov chain models to build a functional natural language processing API
- Used **Python's** BeautifulSoup library to scrape information from campus dining halls
- Built a website that presented data from UCSD Dining Halls in tables generated by the pandas library

College of the Desert's CODe Summer Program   **June 2017**
- Coded in **C** to establish an interactive connection between Arduino and Raspberry Pi
- Used an ultrasonic sensor to detect distance from an object and present to an LED

TECHNICAL SKILLS

- Proficient Programming Languages: **JavaScript**, **Python**, **Java**
- Familiar Programming Languages: **C**, **C++**
- Frameworks: **Android**, **React,**
- API: **Google Cloud APIs**, **REST**, **SnapKit**, **Discord,** **Gmail**
- Interests**:** Computer Science Engineering Society (**CSES**), **IEEE**