Yehonatan Hezkiya

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EDUCATION

University of California San Diego **Major GPA: 3.71** **June 2022**
B.S. Computer Science

WORK EXPERIENCE

IBM Back-End Software Developer Intern (Cloud) **June 2019 – September 2019**

PROJECTS

Bag Alert (Citrus Hack) https://devpost.com/software/packagecitrus2019 **April 2019**
- Used OpenCV in **Python** and a Haar Cascade Classifier for facial recognition for secure log in
- Constant calls to Google Cloud Platform Vision API from stream to check if correct luggage is in the picture
- If correct luggage is in the picture, uses Twilio API to send a text to the person who owns the luggage

Impulse (Hacktech) **https://devpost.com/software/impulse-kuwe0b** **March 2019**
- **Won** Most Aesthetic/Well-Designed Hack at Caltech
- Designed a web application which filters internship emails into a visually appealing layout
- Built it in **JavaScript** using **React** framework and interactions with REST API
- Utilized **node.js** with oauth2 flows with Gmail API to grant users permissions
- Identified status of application with 90% accuracy using GCP Natural Language Processing API

BitPic (SB Hacks) **January 2019**
- Worked on **back-end** on an android mobile app using **Java** in Android Studio using **Android framework**
- Analyzed .jpg photos with Google Cloud Platform Vision API with 80% accuracy
- Built algorithms to parse results and retrieve search terms to use with SnapKit API
- Retrieved relevant Bitmoji stickers based on photo taken and made a feature to share to other applications

Discord Bot (Personal Project) **December 2018 – January 2019**
- Worked on a feature that let the bot act as a middle man for two people sharing private information
- 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

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

- Programming Languages: **JavaScript**, **Python**, **Java, C++**
- Frameworks: **Android**, **React**
- Interests**:** Computer Science Engineering Society (**CSES**), **IEEE, WIC**