Yehonatan Hezkiya

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Education

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| **University of California San Diego GPA 3.54** | June 2022 |

B.S Computer Science

Experience

IBM June 2019 – September 2019

*Backend Software Developer Intern*

* **Worked on the Extreme Blue Team to innovate a product addressing business challenges around security**
* **Leveraged a LSTM machine learning model to classify FASP transfer time-series data on live transfers**
* **Built anomaly detection algorithms to identify faulty transfers and notified customers regarding potential risks**

Projects

**Bag Alert (Citrus Hacks) April 2019**

* **Used OpenCV in Python and a Haar Cascade Classifier to create a secure facial recognition log in**
* **Rendered video stream and utilized Google Cloud Platform Vision API to detect the correct luggage bag**
* **On detection of correct luggage bag, sent a text message to owner using Twilio API to notify where bag is**

**Impulse (Hacktech) March 2019**

* **Webapp that organizes internship application emails and won Most Aesthetic/Well-Designed Hack at Caltech**
* **Built in JavaScript using React for the frontend and utilized REST API calls to node.js backend to process emails**
* **Identified status of application with 90% accuracy using GCP Natural Language Processing API**

**BitPic (SB Hacks) January 2019**

* **Worked on backend to build an Android application that processes images taken for objects using GCP Vision API**
* **Designed algorithm to parse object detection results and retrieve a relevant Bitmoji with SnapKit API**

**Discord Bot (Personal Projects) December 2018**

* **Created a Discord bot to act as a middle man for two people sharing private information with JavaScript**

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 into pandas dataframes

Technical Skills

Programming Languages: JavaScript, Python, Java, C++

Frameworks: Android, React

Interests: Computer Science Engineering Society (CSES), IEEE, Women in Computing (WIC)