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

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| --- | --- |
| **IBM Backend Software Developer Intern** | June 2019 – September 2019 |

**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

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| --- | --- |
| **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)