

Yehonatan Hezkiya

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Education

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

Undergraduate Researcher

October 2019 - Present

- Studying user security practices and behaviors to attacks on and abuse of the domain name system (DNS)
- Undertaking research for one year and gaining hands-on experience with network measurement and analysis

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

Technical Skills

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

Frameworks: Android, React

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