

Yehonatan Hezkiya

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Education

University of California San Diego

GPA 3.54

June 2022

B.S Computer Science

Experience

IBM Backend Software Developer Intern

June 2019 - Present

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, WIC