

Overview

An extremely quick learning software engineer with a love for challenging problems and impactful solutions. Enjoys extending reach beyond the curriculum taught at San Jose State University by attending hackathons and working with new tools and technologies.

Education

San Jose State University

B.S. Computer Science, Minor in Mathematics
Deans Honor Roll Recipient 2016, 2017, and 2018

GPA: 3.8
August 2014 - Present
Expected Graduation: Fall 2018

Experience

amazon - Software Development Engineer Intern

Job description pending internship completion August 2018

Seattle, WA
Summer 2018

proofpoint - DevOps Tools Engineer Intern

Designed UIs following the Gestalt Laws of Perceptual Organization
Updated legacy UIs written using older frameworks such as ExtJS to React
Built applications with React and Redux to increase efficiency and security within Proofpoint
Built a standardized component library for efficient future UI development and coherent looks among tools

Sunnyvale, CA
Summer 2017

Projects

I-VIATO - Computer Vision Pipeline

Designed and developed the Web App UI using React
Developed the facial landmark detection portion of the pipeline with the use of the dlib library
Developed the portion of the pipeline which would draw Delaunay triangles on faces in an image

San Jose State University

CensorFlow - Audio Censor Using TensorFlow and Signal Processing San Jose State University

Trained a convolutional neural network to recognize an utterance of the word f*ck in audio
Replaced each detected occurrence of the word f*ck with a bleep tone for censorship purposes
Used audio signal processing techniques such as onset detection to separate words in a speech signal

Translatte - Android Application

Won Best Use of Rapid API & 3rd Most Technically Challenging by Google
Quick on-the-go translation of printed text with audio
Integrated Google Mobile Vision API for Optical Character Recognition
Implemented Translation feature using Rapid API to connect to the Google Translate API

HackDavis 2017

Skills

Development Languages

Skilled in Java and React.js, Knowledgeable in Python, HTML, CSS/SASS, and JavaScript

Tools and Technologies

Android Development, Bash, Git, REST, Slack

Activities & Associations

Spartan Hacks 2018 (SJSU's 2nd Hackathon) - Organizer

Reach out to various companies within the area for event sponsorship
Create a information packet containing details about the hackathon for sponsors
Create a budget for the event, recognizing the possible costs for food, venue, etc.
Work with the rest of the organizers to create a proposal to the Dean of the College of Engineering

2016 - Present

San Jose State Powerlifting - Vice President as of 2017

Create and maintain a club budget as well as plan numerous fundraisers
Work together with SJSU Club Sports, USAPL, and USPA to hold home powerlifting meets
Collaborate with the other officers on how to market the team to the students of San Jose State University

2016 - Present