



Zachary Zulan

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EDUCATION

Bachelor of Science | Computer Science 2021
University of California, Santa Cruz, Santa Cruz, CA
Relevant Coursework: Adv C++ Programming, Data Structures & Algorithms,
Computer Systems and Assembly, Discrete Math

WORK HISTORY

PRODUCT ENGINEERING INTERN 05/2019 to 09/2019

Intel Corporation | Folsom, CA

- Created scripts and built Altiris jobs to deploy OS Images onto SSD test boards and reduced mean deploy time from ~2 hours to 20 minutes per board
- Built and deployed inventory management system for internal lab use with pre-production hardware. The management system improved hardware checkout times from 20-30 minutes to literally seconds.
- Technologies used: Python 3.5, Altiris, JavaScript

TEST AUTOMATION INTERN

06/2018 to 08/2018

Intel Corporation | Folsom, CA

- Improved unit test coverage by 90% across our entire platform. Fixed vital issues that blocked unit tests from running. Mentored incoming high school interns while coaching them in important web development skills
- Technologies used: AngularJS, Karma, HTML&CSS, Node.js, Webpack

HIGH SCHOOL TECHNICAL INTERN

06/2017 to 09/2017

Intel Corporation | Folsom, CA

- Utilized D3.js and AngularJS to create an informational data visualization module that improved SSD testing timelines, developed API with Python and Flask to manage data for front end graphical modules
- Technologies used: AngularJS, D3.js, HTML & CSS, Python 3.5, Flask, SQLAlchemy

SKILLS

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|--------------------------------------|----------------|
| • Javascript/Node.js/React/AngularJS | • C/C++ |
| • React Native | • Java |
| • Python 3.5+; SciPy libraries | • Flutter/Dart |
| • HTML & CSS | |

PERSONAL PROJECTS

MediSense March 2018

LAHacks 2019 Project

- "Sixth Sense" for doctors, mobile app used by medical professionals to better identify and classify diseases/injuries
- Technologies used: React Native, AWS Lambda, Python with TensorFlow

PXL August 2018

Outside Hacks 2018 Project

- Uses phones of people in a large group to display images or patterns, where every phone is essentially a "pixel" in a large grid
- Technologies used: ReactJS for front end, Firebase for back end