



# AUSTIN J. SHADEL

SOFTWARE STUDENT

## PERSONAL PROFILE

First and foremost, I love writing code. Ever since writing my first program in RobotC and manipulating it to produce a desired output, I have been obsessed with the idea of using software to solve practical problems. Software engineering is a never-ending puzzle that I am passionately engaged in solving.

## SKILLS & LANGUAGES

Most actively used language is Python  
Familiar with C, Java, Javascript, web stuff

Various General Technical skills include  
Git, Linux/Unix, vim, api services, visual  
studio code and cloud services, among  
others

Native English Speaker

## CONTACT INFORMATION

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San Diego, California

## EMPLOYMENT HISTORY

### Software and Hardware Technician

*Occuspace (Start-Up) (December 2020 - Current)*

- Oversees the construction of companies people tracking devices
- Streamlining QA / QT of device construction and software loading
- Aiding in any pop up issues to ensure a working product and delivery
- Over 1,000 devices delivered and deployed

### Data Analyst Internship

*Davos Investment Group (Summer 2020)*

- Participated in coding new financial back-testing systems
- Aided in the upkeep and hardening of current financial applications
- Improved firms ability to supply clients with advanced market research

### Technical Consultant / IT Support

*American Legacy Products Inc. (Summer 2019)*

- Helped Oversee technical aspects of warehouse management
- Developed live warehouse inventory system for current clients
- Greatly improved accuracy of warehouse inventory through automation

### Software Internship

*DreamtSoft Inc. (Start-Up) (Summer 2018)*

- Aided development team in re-implementation of existing features from legacy code into newer code
- Worked on the debugging of long-standing issues on front-end systems
- Increased efficiency and accuracy of orders on daily coffee runs /s

## ACADEMIC HISTORY

### Southern Oregon University

*BS Computer Science, Class of 2021*

- Minor in Emerging Media & Digital Arts
- Member and Volunteer, Raider Alternative Breaks
- Provosts List of Honor Students
- Graduation June 2021

### The Grauer School

*Encinitas, CA (High School)*

- Grauer School Robotics 3848 Team 2014 - 2016

## PROJECTS AND HOBBIES

### Tl;dr Sec, Security Conference Talk Search Engine

*Senior Group Project with 3 other students (Current)*

- Our client tldrsec.com hopes to allow its 5k+ newsletter subscribers to search every conference ever for talks on any subject. Allowing amateurs and security professionals alike to quickly access everything about a certain security topic. This is a full-stack web application using Vue, AWS, and Python.

### Other Various Small Projects

- Hexacopter build, Underwater ROV with live camera build, 3D printer build, and a couple of robotic team builds
- Abalone Age Prediction script, Battleship game iOS App and Bar-code Scanner script
- Indoor Hydroponic Monitoring Systems with Arduinos and raspberry pi's