

DANIEL CHEN

3492 Bryant St, Palo Alto, CA 94306

(650) 388-2485

dnlchen@ucdavis.edu

<https://github.com/dchen93>

CAREER FOCUS

Software Engineering

ACADEMIC EXPERIENCE

University of California, Davis

Computer Science & Engineering

- Major GPA: 3.38
- Honors & Awards: College of Engineering Dean's Honor List

Sep 2011 – Dec 2015 (Projected)

Mar 2013 – Dec 2015 (Projected)

RELEVANT SKILLS

- **Languages:** C, C++, Python, Java, HTML/CSS, R, JavaScript
- **Software:** Git, Eclipse, Visual Studio, GDB, Android Studio
- **API/Frameworks:** Bootstrap, Django

PROFESSIONAL EXPERIENCE

University of California, Davis – Davis, CA

Residential Computing Assistant

Apr 2014– Present

- Design, develop, and maintain web app and android app for shared phone location tracking
- Provide networking guidance and assistance, troubleshoot equipment failures, provide software tutoring
- Use Help Desk application to provide IT support, install peripheral devices and software, setup AV equipment

Sendero Group, LLC – Davis, CA

Computer Technician Intern

Jan 2014– Present

- Responsible for installing and maintaining computer systems, desktops, and peripherals
- Diagnose and repair problem areas in a timely fashion, implement solutions to prevent reoccurrences
- Provide end user training and assistance wherever necessary

China Custom Manufacturing, Ltd. – Fremont, CA

Engineering Project Manager Intern

Jun 2012– Sep 2012

- Supervised preexisting projects, cooperated with existing and prospective customers to coordinate new projects (Advised alternative materials, suggested changes in manufacturing process, troubleshoot prototype errors)
- Communicated with factories in China to describe project details and track manufacturing procedures
- Provided training for the project management job to recent hires

NOTABLE PROJECTS & COURSEWORK

Human-Robot Interface (Quadcopter x Google Glass)

- Side-loaded android app that controls the gimbal of quadcopter with Google Glass' head tracking readings
- Controls photo and video capture and storage, as well as posting of information to a remote server
- Django web app stores, displays, and plays uploaded flight media

Weather

- Android weather app that gets and parses weather information from OpenWeatherMap
- Dynamically requests weather data based on current GPS location

RCA Phone

- Web app based on Django that stores RCA phone locations through PostgreSQL, as well access other RCA data
- Native Android app that updates the server from the RCA phone through Django REST framework based API

Course Registration Program (ECS30)

- C program that reads, parses, and stores course and student data from HTML and csv files
- Students can search for course information and add/ drop courses

Automatic Query Completion (ECS40)

- C++ program that suggests search phrases based on entered phrase/word
- If entry not in dictionary, program suggests possible intended entries

Language Translator (ECS140a)

- Java program that ports code from E to C