

# DANIEL CHEN

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<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*

- 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' accelerometer and gyroscope
- Controls photo and video capture and storage, as well as posting of information to a remote server

**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