

# Paul Legler

COMPUTER SCIENTIST · ELECTRICAL ENGINEER

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## Education

### University of California Berkeley

B.E. IN ELECTRICAL ENGINEERING AND COMPUTER SCIENCE

Berkeley, CA

Aug. 2014 - Exp. May 2018

- GPA: 3.37

### Loyola High School

HIGH SCHOOL DIPLOMA

Los Angeles, CA

Aug. 2010- June 2014

- GPA: 4.7, SAT: 2390
- National Merit Scholar
- Academic Department Award in Computer Science, Highest Honors at Graduation

## Work Experience

### Northrop Grumman Corporation, AMP Program

Redondo Beach, CA

COLLEGE INTERN TECHNICAL

Summer 2016

- Worked on the Payload Channel System Engineering Team for AMP (Advanced Missions Program)
- Developed tools using Visual Basic in Excel to streamline and standardize verification process of payload level requirements that will save the team 250+ hours per payload

### Northrop Grumman Corporation, EPS Program

Redondo Beach, CA

COLLEGE INTERN TECHNICAL

Summer 2015

- Worked on the Payload System Engineering Team for EPS (Extremely High Frequency Polar System)
- Developed tools using Visual Basic in Access and worked on simulations in MATLAB to help predict possible problems encountered in space.

### Northrop Grumman Corporation, Milstar Program

Redondo Beach, CA

HIGH SCHOOL INTERN TECHNICAL

Summer 2014

- Worked on the Payload System Engineering Team for Milstar (Military Strategic and Tactical Relay)
- Redesigned the internal program site using HTML and assisted in the creation of sell off documentation

## Extracurricular Activity

### Coaching Corps

Berkeley, CA

PRESIDENT OF UC BERKELEY CHAPTER FROM AUG. 2016 & COACH FROM AUG. 2014

Aug. 2014 - PRESENT

- President: responsible for recruitment of new coaches, support of over 40 current coaches and of fellow Coaching Corps leaders, and communication with Coaching Corps regional corporate staff
- Coach: provide skill and character development to kids of all ages at underprivileged schools in the Bay Area

### Computer Security (CS 161) and Discrete Mathematics and Probability Theory (CS 70)

Berkeley, CA

READER

Spring 2017, Spring 2016

- Helped grading homework assignments, as well as attended homework parties to help students
- Spring 2017: CS 161, 8 hours a week
- Spring 2016: CS 70, 6 hours a week

### Designing Information Devices and Systems I (EE 16A)

Berkeley, CA

LAB ASSISTANT

Spring 2016

- Helped students understand labs and ensured safety in the lab (5 hours a week)

### Sage Mentorship

Oakland, CA

TUTOR & MENTOR

Aug. 2014 - Present

- Worked with one young man for 2 hours a week, assisting in areas of academic difficulty and providing a positive role model

## Skills

### Programming Languages

- Python, Java, HTML, JavaScript, LaTeX, MATLAB, Visual Basic, Scheme, SQL

### Miscellaneous

- Microsoft Office (Excel, Word, PowerPoint), 4 years of High School Spanish, including AP Level