

Paul Legler

COMPUTER SCIENTIST · ELECTRICAL ENGINEER

1411 23rd St, Manhattan Beach, CA 90266

☎ (+1) 310-200-7994 | ✉ plegler24@gmail.com | 🏠 paullegler.me | 📷 paullegler | 🌐 paul-legler

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