

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

- GPA: 3.37

Berkeley, CA

Aug. 2014 - Exp. May 2018

Loyola High School

HIGH SCHOOL DIPLOMA

- National Merit Scholar
- Academic Department Award in Computer Science, Highest Honors at Graduation

Los Angeles, CA

Aug. 2010- Exp. June 2014

Work Experience

Northrop Grumman Corporation, AMP Program

COLLEGE INTERN TECHNICAL

- 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

Redondo Beach, CA

Summer 2016

Northrop Grumman Corporation, EPS Program

COLLEGE INTERN TECHNICAL

- 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.

Redondo Beach, CA

Summer 2015

Northrop Grumman Corporation, Milstar Program

HIGH SCHOOL INTERN TECHNICAL

- 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

Redondo Beach, CA

Summer 2014

Extracurricular Activity

Coaching Corps

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

- 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

Berkeley, CA

Aug. 2014 - PRESENT

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

READER

- 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

Berkeley, CA

Spring 2017, Spring 2016

Designing Information Devices and Systems I (EE 16A)

LAB ASSISTANT

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

Berkeley, CA

Spring 2016

Sage Mentorship

TUTOR & MENTOR

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

Oakland, CA

Aug. 2014 - Present

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