Paul Legler

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Education

University of California, Berkeley   **Class of 2018**

- Electrical Engineering and Computer Science Major

- Current GPA: 3.37

Loyola High School, Los Angeles   **Class of 2014**

- Graduated with Highest Honors

- National Merit Scholar

Experience

College Intern Technical, Northrop Grumman Corporation   **Summer 2016**

- Worked on the Payload Channel System Engineering Team for AMP (Advanced Missions Program) at NGC.

- Developed tools using Visual Basic in Excel to streamline and standardize verification process of payload level requirements.

    o Will save the team 250+ hours of time per payload.

College Intern Technical, Northrop Grumman Corporation   **Summer 2015**

- Worked on the Payload System Engineering Team for EPS (Extremely High Frequency Polar System) at NGC.

- Developed tools using Visual Basic in Access and worked on simulations in MATLAB to help predict possible problems encountered in space.

High School Intern Technical, Northrop Grumman Corporation   **Summer 2014**

- Worked on the Payload System Engineering Team for Milstar (Military Strategic and Tactical Relay) at NGC.

- Improved the internal program site using HTML and assisted in the creation of sell off documentation.

UC Berkeley Coaching Corps Chapter President   **Summer 2016-Present**

- Responsible for recruitment of new coaches, support of current coaches and of fellow Coaching Corps leaders, and communication with Coaching Corps regional corporate staff.

Basketball Coach, Coaching Corps   **Fall 2014-Present**

- Provide skill and character development to kids of all ages at underprivileged schools in the Bay Area.

Lab Assistant, Electrical Engineering 16A, UC Berkeley   **Spring 2016**

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

Reader, Computer Science 70, UC Berkeley   **Spring 2016**

- Helped grading homework assignments, as well as attended homework parties to help students (6 hours a week).

Skills

Computer Programming Languages: Python, MATLAB, Java, Visual Basic, Scheme, SQL

Microsoft Office (Excel, Word, PowerPoint)

4 years of High School Spanish, including AP Level