ROBERT ENG

roberteng.github.io
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EDUCATION

CALTECH CLASS OF 2018   **Pasadena, CA**
Relevant Coursework: BS in Computer Science
Computer Language Shop C Track
Computer Science Research
Computer Language Shop C++ Track
Decidability and Tractability
Computing Systems

SARATOGA HIGH SCHOOL CLASS OF 2014   **Saratoga, CA**
Relevant Coursework: GPA 4.0, WGPA 4.6
AP Computer Science   National Merit Finalist

EXPERIENCE

Donut Devteam   **Summer 2015 - Present**
Part of the development team for the Caltech Undergraduate Website known as Donut. Donut provides several services from a Directory to elections. We are currently in the process of transferring the old website over to Flask.

Caltech Information Management Systems & Services Intern   **Summer 2015**
Worked with the cyber security group to protect against outside attacks on the internal Caltech network. Learned and practiced the different methods to hack into websites and servers. Detected suspicious login activity using scripts.

Speedy Packets Network Software Intern   **Summer 2015**
Tested the fairness and performance of different transport layer protocols such as TCP, Speedy TCP, and Google QUIC over a wide range of scenarios.

CS11 C Track Teaching Assistant   **2015**
Assisted professor in teaching the fundamentals of C, particularly the intricacies of plugging memory leaks. Graded homework and provided useful feedback.

UC Santa Cruz Astronomy Intern   **Summer 2013**
Developed an intuitive and interactive Google Maps web interface for deep field galaxy surveys for use by the astronomical community worldwide. With my mentor, authored a research paper describing the conception and development of the project for submission.

SELECTED PROJECT

PERSONAL WEBSITE   **2015**
Designed and built a virtual resume at roberteng.github.io to showcase past projects and experience.

SKILLS

Languages: Java, C, C++, Python
Webdev: PHP, HTML, Javascript, JQuery, CSS, MySQL, XML, JSON
Technologies: AJAX, node.js, socket.io, Ejs, Google API, Bootstrap, FlatUI, MongoDB, Adobe Illustrator