

JERRY CHEN

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<https://ocf.io/cjerry>

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY, BERKELEY, CA **2014–2018**
Bachelor of Science, Electrical Engineering and Computer Science

- **GPA:** 3.90/4.00
- **Relevant Coursework:** Structure and Interpretation of Computer Programs, Data Structures, Discrete Mathematics, Multivariable and Vector Calculus

PORTLAND COMMUNITY COLLEGE, PORTLAND, OR **2013–2014**
Early College High School

- College **GPA:** 4.00/4.00
- **Relevant Coursework:** Physics with Calculus, Linear Algebra, Differential Equations
- Valedictorian, class of 2014
- National Merit Scholarship Commended Student

PORTLAND STATE UNIVERSITY, PORTLAND, OR **2012–2013**
Leap into New Knowledge High School Program

- **Relevant Coursework:** Programming Systems

SCHOOL OF SCIENCE AND TECHNOLOGY, BEAVERTON, OR **2010–2013**

EXPERIENCE

CALSOL SOLAR CAR TEAM, BERKELEY, CA **2014–Now**
Team Member

- Assisted in developing and executing vehicle performance and efficiency tests.
- Rewired battery box and helped to debug vehicle start-up issues.

NATIONAL PRIMATE RESEARCH CENTER, BEAVERTON, OR **2013–2014**
Research Intern

- Performed image processing and analysis for primate retinal macular degeneration.
- Tabulated 20 different subjects, each with hundreds of retinal images spanning a year.
- Independently developed and tested an analysis procedure.
- Completed more than 300 hours of lab work and presented at research symposia.

NORTHWEST REGION SCIENCE FAIR PROJECTS **2010–2012**
Multicore Optimization Utilizing Parallel Processing **2012**

- Analyzed multithreading in a matrix multiplication application.
- Compared multi and single threaded speeds to approximate multithreading overhead.
- Presented at the Intel Northwest Science Expo.

Ocean Tidal Voltage Output **2011**

- Constructed a model of a tidal power generator.

Ocean Thermal Energy Conversion **2010**

- Prototyped a generator powered by water temperature difference.

SKILLS

- Proficient in Python, C++, and Java.
- Experienced in SQLite, Scheme, and HTML/CSS.
- Familiar with the Unix/Linux shell and utilities.
- Experienced user of Windows and OSX.
- Fluent in Chinese, knowledgeable in Spanish.