

# Owen Jow

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## Education

University of California, Berkeley

August 2014 –

Sophomore pursuing a bachelor's degree in computer science. Expected to graduate in 2018.

**Awards and Honors:** Edward Frank Kraft Award for Freshmen, Dean's Honors (Fall 2014 - Spring 2015)

**Organizations:** Upsilon Pi Epsilon (UCB's computer science honors fraternity) – part of the web development committee within UPE

**Relevant Courses:** Computer Graphics, Artificial Intelligence, Designing Information Devices and Systems, Ruby on Rails, The Internet: Architecture and Protocols, Database Systems, Discrete Math and Probability Theory, 3D Modeling & Animation, UNIX for Programmers, Machine Structures, Data Structures, Linear Algebra and Differential Equations, Structure and Interpretation of Computer Programs

**GPA:** 3.9

## Experience

Undergraduate Student Instructor [UCB EECS Department]

January 2016 –

Assisted in teaching the introductory computer science class at Berkeley (~900 students). Created course materials for exams and exam practice. Also led weekly discussions, labs, and office hours.

Backend Engineer [ASUC Office of the CTO]

October 2015 –

Helped develop an API, fine-tuned search UX, and contributed to general backend bug fixes as part of the Berkeleytime team [[www.berkeleytime.com](http://www.berkeleytime.com)].

Group Tutor/Reader [UC Berkeley EECS Department]

August – December 2015

Worked as a tutor for Berkeley's CS 61A class (Structure and Interpretation of Computer Programs). Taught weekly small-group sections, helped students in office hours, and graded projects and exams.

## Highlighted Projects (links can be found on GitHub)

**Starts With A** – an Android application that identifies nouns based on starting letter and associated words;

**The Rap App** – a website that helps you freestyle, by listening to what you say and providing rhymes when you get stuck; **Fantasy SSBM** – a Django web application that empowers people to create and manage fantasy leagues for Super Smash Bros tournaments

## Computer Skills

### Languages

- Most experienced with: Java, Python, HTML/CSS; Reasonable amount of experience with: C, C++, JavaScript, MIPS assembly, Scheme, SQL, Ruby, Scala

### Software / Platforms / Frameworks

- Windows, OS X, UNIX, Autodesk Maya, Photoshop, LaTeX, Django, Rails