

Jerry Lung

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University of California, Berkeley
B.A. Computer Science, May 2015
Technical GPA: 3.43

Technical Java, Python, JavaScript, Unix
HTML/CSS, SQL, Git/SVN
MongoDB, C++, C, Scala

IXL Learning

August 2015 - Present

Software Engineer – Frontend, Content Resources Team

- Pushed to production a question-content generator within weeks of starting (**Java**)
- Developed **React.js** components for front-end services

NICE Systems

June 2014 – August 2014

Software Engineering Intern

- Worked as a software engineer with the Platform team to build internal infrastructure tools to boost development team's workflow and monitor application health levels (**Python, Bash**)
- Shipped a **Java** internal tool to assist with dependency management when updating stack software
- Adapted to an **Agile test-driven** environment and industry technologies such as **Jenkins** and **Splunk**

UC Berkeley Electrical Engineering & Computer Sciences

August 2013 – May 2015

CS162, CS61C Course Reader, CS61B Lab Assistant

- Developed for the grading infrastructure to manage hundreds of grades (**see Octobear below**)
- Facilitated students' understanding of Operating Systems, Data Structures, Algorithms
- Enhanced skills in understanding others' code through debugging C code in a class of 500 students

Berkeley Engineers and Mentors

September 2012 – May 2015

Webmaster, Curriculum, Site Leader

- Designed <http://beam.berkeley.edu> to be more informative and visually engaging
- Architected a 5-week high school project-based lesson to program Arduino remote control cars

PROJECTS

Music Machine (HackJam 2014) - musicmachine.herokuapp.com

Project lead and developer on MEAN-stack web application for users to quickly query and download music (**Express.js, Node.js, MongoDB**).

Octobear (Sp. 2015) – UC Berkeley EECS Instructional Staff

Team developer for new Linux grading infrastructure for EECS courses. Shipped interactive **Python** scripts for grade entering and syncing to **MongoDB** database, **Flask** webapp interface for students to monitor **Jenkins** autograder build queue and grades, CRON tasks, other infrastructure tools.

Upper Level Coursework Product Development, Operating Systems, Databases, Security, Graphics,

Networking, Artificial Intelligence, Architecture, Algorithms & Intractable Problems