



# Alyssa Lingad

 alyssalingad.com

 alyssalingad@gmail.com

 alyssalingad



## EDUCATION

### University of California, Irvine

B.S. Computer Science

Expected to graduate: June 2018

**Coursework:** Information Retrieval, Operating Systems, Data Management, Requirement Analysis & Engineering, Data Structures, Data Analysis, Intro to Software Engineering

## EXPERIENCE

### Software Developer Assistant

*University of California, Irvine Division of Continuing Education – Irvine, CA [May 2016-Present]*

- >> Wrote multiple scripts in Python to automate the editing of over 2,000 HTML files.
- >> Refactored the database for UCI's OpenChem web application to support more learning materials.
- >> Improved the search feature by reducing time complexity and adding a rank system.
- >> Technologies used: HTML5, CSS, Angular.js, Bootstrap, MySQL, PHP, Laravel, Python

### Web Development Intern

*The Portal – Irvine, CA [Feb 2016-May 2016]*

- >> Trained and collaborated with a team using agile methodologies to develop web applications.
- >> Used various web technologies from front-end web development to back-end web development.
- >> Technologies used: HTML5 CSS, JavaScript, jQuery, Node.js, MongoDB

### Python Lab Tutor

*Donald Bren School of Information & Computer Sciences (ICS) – Irvine, CA [Sept 2015-Dec 2015]*

- >> Demonstrated programming concepts to a lab of 40+ students for 6 hours per week.
- >> Guided students learning the basics and fundamentals of Python by helping find bugs and answering questions.
- >> Received a 9.0/10.0 score on the end-of-quarter evaluation on effectiveness of communicating concepts.

## LEADERSHIP

### Student Events Chair

*ICS Student Council – Irvine, CA [June 2016-Present]*

- >> Responsible for handling logistics, planning, marketing, and executing all club events.
- >> Collaborates with other computer science clubs to strengthen the ties between the ICS community.
- >> Hosts socials, workshops, and info sessions to better ICS students academically, professionally, and socially.

### Facilitator

*Girls Who Code – Irvine, CA [Oct 2016-Present]*

- >> Designs lesson plans to teach high school girls core programming fundamentals.
- >> Demonstrates to students how computer science is applicable to a variety of disciplines.
- >> Creates and grades assignments to ensure understanding of taught concepts.

## SKILLS

**Programming Languages:** Python, JavaScript, C++, Java, PHP

**Technologies:** HTML5, CSS, Bootstrap, Angular.js, Laravel, jQuery, MySQL, MongoDB, Express.js, Node.js