Alyssa Lingad

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🏛 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

Full Stack Developer

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, AWS

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, Lucene, AWS