

Angela Lin

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Education

University of California, San Diego

September 2013 – present

B.S. Computer Science. 3.67 GPA.

Graduation: June 2017

- Coursework: Data Structures & Object-Oriented Design; Software Tools & Techniques; Computer Organization & Systems Programming; Discrete; Mathematics for Algorithms & Systems, Advanced Data Structures, Statistical Methods, Design & Analysis of Algorithms, Intro/Theory of Computation, Components & Design for Digital Systems
- Currently Enrolled: Software Engineering, Usability and Info Architecture

Skills

- Programming languages: Java, C, C++, HTML, CSS, JavaScript, JQuery, PHP
- Technologies: Git, Valgrind, GDB, Eclipse, AJAX, MySQL, Selenium, JIRA

Experience

Tutor – UCSD CSE Department

September 2015 – present

- Provided guidance on programming assignments to students taking the upper division course CSE 100 (Advanced Data Structures)
- Explained concepts such as binary search trees, treaps, and Huffman encoding
- Using: C++

Software Engineering Intern - Cisco Systems

June 2015 – September 2015

- Created a framework to help QA engineers easily customize test cases for a UI
- Assisted multiple engineers in automating software testing procedures for a product release
- Worked with a variety of technology such as Selenium, Maven, TestNG
- Troubleshooted and isolated customer network and design problems
- Used: Java, JQuery, Eclipse, Selenium, JIRA

Undergraduate Researcher- REACToR

March 2015 - present

- Shadowed a UCSD research team working to optimize circuit switching technology
- Presented a project proposal to the team's leading professors
- Studied and summarized various research papers and topics
- Using: Spark, Spark SQL

Intern - Stroller Hikes

June 2011 – August 2011

- Assisted the Stroller Hikes tech development team in creating a web-based interactive map
- Implemented a feature that generated popups displaying hiking event information when the user hovers over specific map points
- Helped code a search tool that asks the user for preference selections, searches the database for hikes that match the user's input, then displays a table of the results
- Used: HTML, PHP, Javascript, AJAX, MySQL

Personal Projects

- **Meal Plan Calculator**: Web app that helps UCSD students budget their money by calculating the recommended spending rate to make a meal plan last the year.
- **CAPE Average Stats**: Chrome extension that calculates the average column statistics on <http://cape.ucsd.edu> and displays it to the user.

See more projects at: <http://github.com/angelalin2004>