

ANNE ZHOU

Languages

Proficient | HTML/CSS
Intermediate | C, Java, Python, Swift
Basic | Javascript, C++, x64 Assembly

Frameworks

Android | Flask

Tools

Atom | Bash | Git | jinja2 | Xcode
Justinmind | Photoshop

Contact

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github.com/annezhou

EDUCATION

California Institute of Technology | Pasadena, CA

Computer Science | 2015 – 2019 (expected)

Relevant Coursework: Introduction to Computer Programming, Introduction to Programming Methods, Principles of Microprocessor Systems, Introduction to Computing Systems

EXPERIENCE

Google | New York City, NY

Engineering Practicum Intern | June 2017 – September 2017 (12 weeks)

Interned on the Corporate Engineering iOS team, on an internal application that allows employees to search for people and places across the company. Added a feature that shows nearby employees for a given latitude and longitude, as well as for a given person using Swift 3 and Xcode. Also wrote unit and integration tests, prepared design docs to share with my team and other teams, and gave several presentations and demos.

California Institute of Technology | Pasadena, CA

Teaching Assistant | January 2017 – December 2017 (expected)

Graded and wrote feedback on assignments for CS11: Computer Language Lab, for the C track. Held weekly office hours to answer questions and help students debug code.

Hacktech | Pasadena, CA

California Institute of Technology | September 2015 – March 2017

Member of core organizing team for Hacktech, Caltech's annual hackathon. Created the website, reached out to sponsors (raising \$100k+ total), and coordinated logistics with event venue owners.

Computer Science Outreach | Pasadena, CA

Jefferson Elementary School | January 2016 – December 2016

Taught introductory programming concepts using Scratch to 3rd and 4th graders. Visited for two hours once a week. Topics covered include if-else statements and while loops, and by the end, each student had created their own game to share with their classmates.

Google | Mountain View, CA

Engineering Practicum Intern | June 2016 – September 2016 (12 weeks)

Interned on the Spaces Android team. Fixed several bugs and increased code coverage by writing unit tests. Designed and worked on the implementation of the Google Photo Search feature frontend using Java and Android Studio.

PROJECTS

Legal Access for All | roberteng.github.io/legalaccessforall

Worked in a group with three other people to create a data visualizer that could provide open and accessible legal information for a layperson. Pursued research in the fields of machine learning and natural language processing to parse "legalese" into conventional English and answer user queries. Contributed by working on the visualizer script, conducting research, and implementing the entire website using HTML, CSS and Javascript.

Hacktech | hacktech.io

Website for Hacktech, Caltech's annual hackathon. Mock designed in Justinmind, and then implemented with HTML/CSS and Bootstrap.

Gametech | hacktech-games.herokuapp.com

Greylock Hackfest | Menlo Park, CA

Website for minigame activities during Hacktech. Supports user login, four minigames (along with templates to include more), and a universal leaderboard. Created using HTML/CSS, Javascript, Python, and Flask. Designed and implemented the frontend from scratch.

AWARDS

United States Academic Decathlon State Champion | March 2015

Scored the highest cumulative score across 10 events (7 objective exams, interview, speech, and essay) at the USAD Texas State Competition. Had the 6th highest score in the nation.