

JENNY LI

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Education

University of California, Los Angeles

B.S in Computer Science

Expected June 2021 | GPA: 3.96

Coursework

Data Structures & Algorithms, Machine Organization & Assembly, Software Construction Laboratory, Operating Systems Principles, Algorithms & Complexity

Technical Skills

C++/C, Python, HTML/CSS, JavaScript, Bash, Java

Organizations

Upsilon Pi Epsilon Dec 2018 – ongoing

Member of International Honor Society for the Computing and Information Disciplines

Creative Labs Oct 2017 – ongoing
Involved in quarter-long creative projects such as developing websites and learning UX design

ACM Hack Oct 2017 – ongoing
Built websites using HTML, CSS, JavaScript, Bootstrap, Node, Express, learned iOS development

Augment Software Jun 2016 – Aug 2016
Developed collaborative projects via Mathematica

Honors and Awards

UCLA Regents Scholar
National Merit Finalist

Work Experience

Facebook | Software Engineer Intern - FBOSS (Facebook Open Switching System) Team

06/2019 - 09/2019

- Introduced new hardware platform into FBOSS, Facebook's software stack for controlling and managing network switches
- Developed software using C++ to configure the FBOSS agent daemon by using Broadcom SDK to program the switch's ASIC chip
- Revised and implemented logic to introduce FlexPort technology to enable dynamically configurable ports on the new hardware
- Implemented and refactored Python code for generating the JSON configuration files required to initialize the state of the FBOSS agent

Symantec | Software Engineer Intern - Norton Secure Login 06/2018 - 09/2018

- Implemented UI improvements to Norton Secure Login's account settings pages with LESS and JavaScript
- Implemented webflow changes for these new pages' XML files using Spring Web Flow in order to ease integration of new software
- Fixed defects in the code base such as by writing JUnit tests for a Java class, writing Bash script to remove excess files, and testing web page functionality using Selenium automation

UCSD Scripps Institute of Oceanography | Intern

06/2016 - 08/2016

- Updated graphs of Argo data (e.g. ocean velocities, mixed layer depth) for Argo float program on Matlab; updated Argo website using HTML

Projects

SmartMirror | JavaScript, Node

09/2018 - 01/2019

- Developed interactive, voice-controlled Smart Mirror using Google's AIY Voice Kit and Google Assistant API

Reframe | JavaScript

01/2018 - 05/2018

- Developed informative and creative web application to promote mental health awareness in a visually impactful way

Cake Decorator | HTML, CSS, JavaScript

04/2018

- Developed creative website that allows users to drag and drop decorations onto a cake and get scored based on their choices

BruinPlay | HTML, CSS, JavaScript, Node

10/2017 - 12/2017

- Developed web application that stores and plays songs in a database, and can add and remove songs

UX Phone App Prototype | Adobe XD

10/2017 - 11/2017

- Designed a music-sharing app that helps users discover and keep up with news and releases of artists

Walking Cycle Animation | Mathematica

04/2017 - 05/2017

- Demonstration of walking animation both as using key frames and mathematics to translate the figure