


Amy Zhao

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EDUCATION

University of California, Los Angeles (UCLA)

B.S. Computer Science

June 2021

Coursework

- Machine Learning (ECE M146)
- Operating Systems (CS 111)
- Algorithms and Complexity (CS 180)
- Digital Design Laboratory (CS M152A)
- Software Construction Laboratory (CS 35L)

Extracurricular Activities

- The Daily Bruin | social media
- Tutorfly | assistant instructor
- UCLA Volunteer Center | volunteer
- LMI-Sandler Prize for New Entrepreneurs competition (2018) finalist

SKILLS

C++ • Python • JavaScript • Linux

Web Design & Development

FPGA design • BeagleBone

WORK EXPERIENCE

COMPUTER SUPPORT TECHNICIAN

UCLA Residential Life, Los Angeles CA | Apr 2019 – present

- provide hardware, software, and general IT support
- respond to phone calls and JIRA tickets for technical issues
- create computer accounts and request email accounts
- inventory all technical assets of Residential Life employees
- image and deploy new computers

COMPUTER SCIENCE INSTRUCTOR

The Coding School, Santa Monica CA | Jan 2019 – Mar 2019

- Taught the course "Web Coding II: Website Project" at John Adams Middle School once a week

STUDENT CLERK

UCLA School of Engineering, Los Angeles CA | Oct 2018 – Mar 2019

- assisted director of student enrichment programs with information sessions, meetings, peer advising, and other events
- created, designed, and maintained program websites on WordPress
- analyzed event attendance in Excel and wrote reports

WEB DESIGN INTERN

Wolfpack Design Agency, Los Angeles CA | June 2018 – Sep 2018

- designed web pages for clients, copy-edited content, corrected layout, optimized for mobile
- researched solutions to client needs
- communicated with clients to clarify design decisions, explain website options, and account for technical issues

STARTUP INTERN

BellaNové, Los Angeles CA | Oct 2017 – Apr 2018

- executed layout changes on the front end in WordPress
- implemented new features such as product filter
- troubleshooted and fixed technical issues

PROJECTS

CS 35L class project | C, bash, Python

- debugged C program with gdb and patched old bug in GNU coreutils package with provided code
- wrote shell script that finds duplicate (regular) files
- implemented GNU shuf command (Coreutils) in Python, with its accompanying options, using argparse module

ECE M146 | MATLAB, Python

- SVM, decision trees, KNN, Gaussian mixture model, linear regression, Bayes classifier

Nachenblaster | C++, class project

- space invaders game embodied by a provided OpenGL framework
- implemented classes and member functions using principles of inheritance and polymorphism

Personal Website

- JavaScript, Bootstrap, HTML/CSS