

Elise J. Yuen

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EDUCATION

UNIVERSITY OF CALIFORNIA, LOS ANGELES

Bachelor of Science, Computer Science

Cumulative GPA: 3.104

Class of 2018

COURSES

- ❖ Introduction to C++
- ❖ Data Structures and Algorithms
- ❖ Introduction to Computer Organization
- ❖ Software Construction Laboratory
- ❖ Operating Systems
- ❖ Introduction to Computer Graphics
- ❖ Computer Networks: Physical Layer

SKILLS

PROGRAMMING

Java • C++ • C • Python • HTML/CSS • JavaScript • R

TECHNOLOGIES

XCode • Linux • Command Line • Visual Studio • Vim • BlueJ • emacs • WordPress

PROJECTS

Web Steganographer | C++

- ❖ Applied a provided compression algorithm used with a web scraper to extract raw HTML from web pages and store characters in a hash table with maximized load efficiency
- ❖ Embedded "secret" messages into the white space of the HTML files prior to storing them locally, also designed with a corresponding message decoder

Boulder Blast | C++

- ❖ Puzzle arcade game embodied by a provided OpenGL framework and written in C++
- ❖ Designed the implementation and flow between classes and executing incremental leveling through basic functional AI and other assets

Minesweeper | Java

- ❖ Remade the classic game from the ground up using an object-oriented framework and offering three different levels of difficulty
- ❖ Utilized JButton to create an interactive interface in tandem with a recursive algorithm for the game to determine the location of the mines

EXPERIENCE

The Daily Bruin

WEB DEVELOPER INTERN

October 2015 to Present | Los Angeles, CA

- ❖ Contributed to renovating and creating new dynamic and static webpages, including the game day page for upcoming football games and seasonal editorial pieces
- ❖ Collaborated on bi-weekly article uploading and overseeing web production

The Coding School

CODING INSTRUCTOR & WEBSITE DEVELOPER

September 2015 to Present | Los Angeles, CA

- ❖ Worked as a head instructor for an elementary introductory and middle school JavaScript course teaching concepts such as sequencing, algorithms, debugging and conditionals
- ❖ Led discussions and aided with material preparation for upcoming classes
- ❖ Helped update and maintained organization's webpage using responsive HTML, CSS, and JavaScript

PRIVATE CODING TUTOR

April 2015 to Present | Los Angeles, CA

- ❖ Taught and tested basic coding concepts and ideas from self-developed curriculum
- ❖ Utilized platforms such as Scratch, code.org, and codecademy.com with children of elementary school age
- ❖ Provided instruction on basic HTML and CSS to build personal webpage

Cloudian Inc.

SUMMER INTERN

July 2013 | San Mateo, CA

- ❖ Assisted developers with coding projects and builds of the cloud-based storage product
- ❖ Completed installations and demos of the product while searching for bugs and providing insight and feedback on more efficient and user-friendly modes of installation

LINKS

LinkedIn: [linkedin.com/in/eliseyuen](https://www.linkedin.com/in/eliseyuen)

Github: github.com/eliseyuen

Personal: eliseyuen.github.io