

EDUCATION

University of California, Riverside

B.S. Computer Science 2021
GPA: 3.64

SKILLS

PROGRAMMING: C++, Python, HTML, CSS, Bash, Bootstrap, Git, JavaScript
EXPOSED TO: Swift, Arduino

EXPERIENCE

UCR SCHOOL OF BUSINESS

IT Support Staff

Sept. 2018 to Current

Management of lecture-recording MediaSite software for 15 professors.
Host video servers for roughly 750 students.
Maintaining 25 computers remotely to ensure security.

ROSE HACK @ UCR

Marketing Team

Oct. 2018 to Current

Design graphics with Adobe Illustrator for sponsoring companies.
Laying foundation for first-ever women-centric hackathon at UCR.

CSFORALL CODE CAMP

Teaching Assistant

UC Riverside
July 2018 to Aug. 2018

Taught 60 high school students how to code with Python, under direct supervision of CS Lecturer.

PROJECTS

R-SHELL TERMINAL

Apr. 2018

Constructed a simple terminal in C++, capable of printing a command prompt, reading in an inputted line of commands and connectors, and executing them accordingly.

2-3 TREE

May 2018

A C++ 2-3 tree data structure including insertion, deletion, traversal, split and merge functions

PERSONAL WEBSITE

Feb. 2018 to Current

A personal website built using HTML, CSS, and JS, featuring personal info and projects across 4 pages.
(Link: carsonwelty.com)

ACTIVITIES

CYBER @ UCR · Member

Sept. 2017 to Current

Implemented web app security at the National Collegiate Cyber Defense Competition (NCCDC) invitationals.

ASSOCIATION FOR COMPUTING MACHINERY @ UCR · Member

Sept. 2017 to Current

Attend technical programming workshops, including web development, data science, and networking events.

CITRUS HACK 2018 @ UCR · Participant

Completed and demoed a web iSpy Game built in 24 hours.
Used HTML, CSS, and JS for the 1st time.

AWARDS

UC Riverside · CHANCELLOR'S HONOR LIST

June 2018

Awarded for achieving Dean's Honor List for the entire 2017-2018 academic year.

RELEVANT COURSEWORK

Data Structures & Algorithms, Machine Organization & Assembly Language, Discrete Mathematics, Linear Algebra, Logic Design