

EDUCATION

University of California, Riverside

B.S. Computer Science 2021
Technical GPA: 3.5

SKILLS

PROGRAMMING: C++ (Native Language), Python, Git, Machine Learning,
Data Visualization, Linux, HTML, CSS, JavaScript, MySQL

FRAMEWORKS: Express, Bootstrap, Flask

EXPERIENCE

RESEARCH ASSISTANT

Tsinghua University · Beijing, China

June 2019 to Sept. 2019

Using Python and Machine Learning to analyze CPU thermal images under varying workloads,
and then creating a model to predict the heat maps of future workloads in order to optimize CPU speed

IT SUPPORT TECHNICIAN

UCR School of Business

Sept. 2018 to Current

Creating and documenting infrastructure for job position
Managing lecture-recording software for 15 professors
Hosting video servers for 750 students

TEACHING ASSISTANT

CS4ALL Code Camp @ UCR

July 2018 to Aug. 2018

Instructed 60 high school students how to code with Python
Collaborating with CS Professor to create course curriculum

PROJECTS

FIREWATCH @ HACKUCI

Feb. 2019

Built a web app using machine learning and over 400,000 data points to predict and visualize
where wildfires are most likely to occur next in California
Used Python and Flask to parse data, train an algorithm, and host a web server

ASUCR R'GEAR WEB APP

Feb. 2019

Program used by student government for the distribution of clothing to 4000 students
Developed backend environment using Node, Express, and MySQL

BOMB SHELL

Nov. 2018

Designed and programmed a simple terminal shell in C++
Effectively reads in commands with connectors and executes them in sequence

ACTIVITIES

ASSOCIATION FOR COMPUTING MACHINERY · Marketing Chair

Mar. 2019 to Current

Collaborating with other chairmen to implement our vision for the organization and provide guidance for members
Leading general meetings and presenting slides
Creating graphics and managing the club's social media platforms

AWARDS

UC Riverside · CHANCELLOR'S HONOR LIST

June 2018

Awarded for achieving a minimum 3.5 GPA for the entire 2017-2018 academic year.

RELEVANT COURSEWORK

Machine Learning, Software Engineering, Data Structures & Algorithms, Discrete Structures, Linear Algebra, Logic Design