

## EDUCATION

**University of California, Riverside**  
B.S. Computer Science 2021  
Cumulative GPA: 3.47

## SKILLS

**PROGRAMMING:** C++, Python, HTML, CSS, JavaScript, SQL, Git, Data Visualization, Linux

## EXPERIENCE

### TECHNICAL SUPPORT REP.

zyBooks, a Wiley brand

May 2020 to Current

Providing technical support for zyBooks' 600,000 students and 3,000 instructors at more than 800 universities  
Troubleshooting software bug reports, investigating reported content errors  
Helping students with accounts/subscriptions, helping instructors with course setup

### RESEARCH ASSISTANT

Tsinghua University · Beijing, China

June 2019 to Sept. 2019

Used Python to analyze CPU thermal images under varying workloads,  
contributing to a model used to predict heat maps of future workloads in order to optimize CPU speed heat maps  
Presented my weekly progress for assessment to one of Tsinghua's prestigious computer science professors

### GRADER

Computer Science Department @ UCR

Sept. 2019 to Current

Grading homework assignments and midterms for undergraduate computer science courses  
Using and expanding functionality of Python scripts to automate grading tasks  
Communicating directly with professors, students, and TAs to meet individual preferences and handle issues

### IT SUPPORT TECHNICIAN

UCR School of Business

Sept. 2018 to June 2019

Created and documented infrastructure for job position  
Managed lecture-recording software for 15 professors individually  
Hosted video servers for 750 students

## 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

### HOTEL DATABASE MANAGEMENT SYSTEM

Dec. 2019

Designed and implemented a hotel database management system in SQL and Java  
Allows users to track information about different aspects of hotels (room reservations, maintenance services, employees, customer information, etc)

### 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

### ROSE HACK · Director of Operations

Apr. 2020 to Current

Managing the budget for food, swag, supplies, and prizes for UCR's women-centric hackathon  
Delegating tasks among committee members for reserving rooms, planning workshops, and contacting potential keynote speakers  
Collaborating with fellow directors and organizers to manage day of events and make sure everything runs smoothly

### ASSOCIATION FOR COMPUTING MACHINERY · Marketing Chair & Mentor

Mar. 2019 to June 2020

Providing personal mentorship in the areas of professional, academic, and personal development to a mentee  
Meeting with fellow board members to plan weekly workshops and discuss our vision for the organization  
Creating graphics and managing the club's social media platforms (Instagram engagement increased by over 100%)

## AWARDS

### BOURNS FOUNDATION ENGINEERING SCHOLARSHIP

July 2020

Selected from more than 600 students based on my academic achievement, involvement in research, participation in student organizations, and influence on the greater engineering community.  
Awarded by the Marlan and Rosemary Bourns College of Engineering

### UC Riverside · CHANCELLOR'S HONOR LIST

June 2018

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