

Andrew Wang

andrew.wang334@berkeley.edu • (334) 524-7002 • 2700 Hearst Avenue Berkeley, CA

EDUCATION

University of California at Berkeley

Electrical Engineering and Computer Science, GPA: 3.7/4.0

Berkeley, CA
Expected Graduation May 2022

CS 61A: The Structure and Interpretation of Data Programs • EE 16A: Designing Information Systems and Devices
Math 53: Multivariable Calculus • CS 61B: Data Structures • EE 16B: Designing Information Systems and Devices II • Data 8:
The Foundations of Data Science

Auburn High School

IB Diploma Recipient, GPA: 4.51(Weighted)/ 4.0(Unweighted)

Auburn, AL
May 2018

- ACT/SAT: 36/1590 SAT Subject Tests: Math II: 800/ Chemistry: 800
- National Merit Scholarship Recipient

Skills

Python • Scheme • Java • BASIC • SQL • HTML • Javascript

PROJECTS

March Madness Simulator

Dec 2018-Present

- Utilized Pandas and sklearn to extract data from csv's and create a model that predicts the chance of a team winning a college basketball matchup

Scheme Interpreter

Nov 2018

- Built an interpreter using python that allowed the user to input code in Scheme

BASIC Robotics

June 2014- Aug 2014

- Utilize BASIC coding and hardware to build a robot that detected temperature, and used light intensity to follow a line

Dice Simulation

Aug 2018

- Simulated a dice-rolling game in which players' scores were calculated and stored.

Video Game Design

Oct 2018

- Used Object Oriented Programming and worked with Graphics to create a copy of Plants vs Zombies

Yelp Maps

Aug 2018

- Used k-means clustering to create a visual representation of recommended areas based on past Yelp reviews

VOLUNTEER/WORK EXPERIENCE

Code Coach at the Coder School Berkeley

Feb 2019- Present

- Work one-on-one with students to teach them the fundamentals of codign
- Teach Python, Scratch, and Java

Assistant Director and Pianist for AFBC Children's Choir

Aug 2015 - Apr 2018

- Assist in conducting weekly practices and accompanied the choir with both piano and guitar during performances

Fuji Sushi Bar

May 2018 - Aug 2018

- Quickly went through training to match a demand for servers
- Oversaw opening and closing of the restaurant

LEADERSHIP EXPERIENCE

Science Olympiad – Coach and Team Captain

Aug 2014 - May 2018

- Led team to four straight national tournament appearances with multiple top 15 placements at the national tournament
- Coached for the middle school and junior high school teams,

HONORS AND ACHIEVEMENTS

Telluride Association Summer Program

June 2017 - Aug 2017

- Accepted as one of fifty-five of over 1700 worldwide applicants to attend a six-week program at the University of Michigan