

# SAMANTHA ADAMS

samantha.adams@berkeley.edu · samantha-adams.github.io

## EDUCATION

**DECEMBER 2020** *Regents' & Chancellor's Scholarship Recipient*

**B.S. ELECTRICAL ENGINEERING & COMPUTER SCIENCES**, UC BERKELEY

*Highlighted Courses: CS 61B Data Structures; CS 61C Computer Architecture / Machine Structures; CS 161 Computer Security; CS 170 Efficient Algorithms & Intractable Problems; CS 189 Intro to Machine Learning*

**JUNE 2018**

**A.S. MATHEMATICS**, GROSSMONT COLLEGE

Graduated with Highest Honors | GPA: 4.0

**JUNE 2015**

**A.A.-T SOCIOLOGY**, VENTURA COLLEGE

Graduated with Highest Honors | GPA: 4.0

## SKILLS

- Java
- C++
- Python
- HTML
- CSS
- JavaScript
- C
- SQL
- Linux
- RISC-V
- Android Studio
- Adobe CC

## LEADERSHIP

- Senior Mentor, Computer Science Mentors (CSM)
  - Led instruction of weekly sessions for 3-5 students in the UCB CS 61B Data Structures course.
  - Co-led weekly meetings to guide 4-5 junior mentors.
- Mentor for Pioneers in Engineering (PiE)
  - Guided 5 high school students through the process of an 8-week robotics competition.
  - Received Outstanding Mentor Award (2019)

## EXPERIENCE

**SEPTEMBER 2019 – PRESENT**

**CARBON CODER**, COOLCLIMATE NETWORK

- Worked on a three-person team updating React/NodeJS website content for Household Carbon Footprint Calculator
- Integrated site with Google Sheets API and Bootstrap.

**JULY 2019 – AUGUST 2019**

**COMPUTER SCIENCE INSTRUCTOR**, UC BERKELEY COLLEGE OF ENGINEERING

- Instructed class of 20 incoming engineering students on Python syntax, environment diagrams, higher order functions, mutability, recursion, and asymptotics.
- Developed course content, planned lectures, and curated example problems.

**SEPTEMBER 2017 – JUNE 2018**

**COMPUTER SCIENCE TUTOR**, GROSSMONT COLLEGE

- Assisted undergraduate computer science and engineering students with programming questions, syntax errors, debugging, and overall project design.  
Tutored C++, Java, Android Studio, Office 365, SQL, HTML, CSS, and Linux.

**SEPTEMBER 2014 – DECEMBER 2017**

**IT MANAGER**, VCHECK GLOBAL LLC

- Designed and developed 5+ websites to improve internal efficiency and online presence.
- Managed numerous company-wide projects to optimize services and operations.
- Worked with third-party companies to restructure and improve internal order processing.
- Handled planning, purchasing, setup, maintenance, and security for all information technology assets while minimizing costs and disruptions to operations.
- Re-designed primary database, allowing for more customization and improved reporting.  
Automated administrative tasks with creation of 15+ unique SQL database query reports.