SAMANTHA **ADAMS**

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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.

SEPTEMEBER 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.