

SAMANTHA ADAMS

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EDUCATION

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

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

- CS 61A Structure & Interpretation of Computer Programs
- EE 16A/B Designing Information Devices & Systems
- CS 61B Data Structures
- CS 61C Great Ideas in Computer Architecture (Machine Structures)
- CS 70 Discrete Mathematics & Probability Theory
- CS 170 Efficient Algorithms & Intractable Problems
- CS 161 Computer Security;
- CS 189 Introduction 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
- Android Studio
- RISC-V
- 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. (2019-20)
 - Planned and co-led weekly meetings to teach and guide 4-5 CS 61B junior mentors. (2020)
- 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

JULY 2019 – AUGUST 2019

COMPUTER SCIENCE INSTRUCTOR, UC BERKELEY COLLEGE OF ENGINEERING

- Instructed class of 20 incoming engineering students on topics including 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.
- Subjects tutored include 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.