Malcolm D. Alvarez

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Personal Profile

I am currently studying for my Bachelor's degree in Computer Science at University of California, Davis.

Core Skills

- JavaScript/HTML/CSS
- Java Programming
- Linux/UNIX Operating System
- C Programming
- C++ Programming
- Python Programming
- Assembly Language
- C# Programming
- Microsoft Visual Studio

Education

2021-2023	**BS Computer Science expected** (University of California, Davis)	
May 2021	**AS-T Computer Science, highest honors** (Ohlone College, Fremont, California)	
May 2021	**AS-T Physics, highest honors** (Ohlone College, Fremont, California)	
May 2021	**AS-T Mathematics, highest honors** (Ohlone College, Fremont, California)	
May 2021	**AA Natural Science, highest honors** (Ohlone College, Fremont, California)	
May 2021	**Certificate of Achievement, Applied Math** (Ohlone College, Fremont, California)	
May 2021	**Certificate of Achievement, Pure Math** (Ohlone College, Fremont, California)	
May 2020	**High School Diploma** (Rivendell Academy of Fremont)	
Oct 2017	**California High School Proficiency Certificate** (California Department of Education)	

Experience

July 2021   **CS Bridge Section Leader**
Ohlone College

Role outline

I was a Section Leader for the CS Bridge program for high school students, a four week event hosted by the college in 2021.

2020 − 2021   **Computer Science Tutor**
Ohlone College

Role outline

Embedded Tutor in Computer Science and Tutor in the Ohlone College Tutoring Lab. I assisted students with Java, Python, C++, Assembly, in the computer science lab and in class. I also Worked with professors to help design homework assignments.

January 2021   **Code Good Section Leader**
Ohlone College

Role outline

I was a Section Leader at Code Good, a four-day event hosted by the college in 2021. I guided and coordinated groups of students working on programming projects and Worked with the instructional team to design programming projects for students.

2018-2019   **Volunteer**
                       Code For Fun

Role outline

As a high school student, I volunteered at Code for Fun, a company that offers programming courses for young children.

Coursework

2021	**Operating Systems** (UC Davis)
2021	**Algorithms** (UC Davis)
2021	**Computer Architecture** (UC Davis)
2020	**Introduction to UNIX/Linux** (Ohlone College)
2020	**Programming with Data Structures** (Ohlone College)
2020	**Discrete Structures** (Ohlone College)
2019	**Introduction to Assembly Language Programming** (Ohlone College)
2019	**Introduction to Java Programming** (Ohlone College)
2019	**Object-Oriented C++ Programming** (Ohlone College)
2018	**Introduction to Programming Using C++** (Ohlone College)