Larissa Arzaluz Ala

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Education

University of California, Berkeley	**Expected May 2024**
Bachelor of Science: Electrical Engineering and Computer Science	

Skills and Relevant Coursework

Python	Fusion 360	Public Speaking	Detail-Oriented	Time Management

CS 61A: The Structure and Interpretation of Computer Programs · **In Progress**

CS 198: Applications of Cloud Computing (AWS) · **In Progress**

CS 61B: Data Structures · **Spring 2021**

E157: Engineering, The Environment, and Society · **Spring 2021**

Work Experience

BUILD Literacy Program – *University of California, Berkeley*   **August 2020 - Present**

I mentor 2 scholars and have weekly meetings with them. The goal of the program is to teach our scholars how to improve their level fluency, accuracy, and comprehension while at the same time building their love for books.

Projects

BAC Us Up – *Pre-Engineering Program (PREP), University of California, Berkeley*   **July 2019 – August 2020**

Designed, programmed, and implemented an Arduino device on a portable key-chain breathalyzer. Presented to 10 companies at the 2020 PREP Design Showcase.

Event Organizer for Homelessness Relief – *Volunteer*   **July 2019 – August 2020**

I organized and hosted a Sandwich Making Project, Care Kit Project, and a Blanket Making Project. Through donations we were able to provide food to over 250 people, assemble 40 care kit packages, and 25 blankets.

Senior Swarm – *Programming Coordinator*   **July 2020 – August 2020**

Senior Swarm is an undergraduate lead program focused on helping current first-generation, low-income, and underrepresented high school seniors to get into college. As the Programming Coordinator, I am in charge of hosting workshops ranging from mental health to the overall college process and presenting them to the seniors.

Accomplishments and Programs

Valedictorian – *Valley High School Class of 2020*   **May 2020**

Ranked 1 of 405 students.

AP Scholar with Distinction – *College Board*   **August 2018**

Granted to students who receive an average score of 3.5 on all AP Exams taken, and scores of 3 or higher on five or more of these exams.

Computer Science Scholars – *University of California, Berkeley*   **August 2020 - Present**

1 of 61 students to get accepted into the CS Scholars Program.

Engineering Scholars as Engaged Scholars (ES^2) – *University of California, Berkeley*   **August 2020 - Present**

1 of 33 students to get accepted into this program. ES^2 focuses on educating engineering students to social and environmental justice within the field.