

## EDUCATION

### University of California, Berkeley

Berkeley, CA | Aug. 2015 - Present

B.S. Electrical Engineering Computer Science | B.S. Bioengineering

GPA: 3.7

Regents and Chancellor's Scholar: Awarded to the top 1.5% of the incoming freshman class at UC Berkeley

Bioengineering Honor Society: Comprised of the top students in the Bioengineering department

Lab Assistant: CS 61A (The Structure and Interpretation of Computer Programs), CS 61B (Data Structures and Programming Methodology), EE 16A (Designing Information Devices and Systems I)

### Troy High School

Fullerton, CA | Aug. 2011 - Jun. 2015

International Baccalaureate | Troy Tech Magnet Program | ACT: 35 | SAT: 2390

## VOLUNTEER AND WORK EXPERIENCE

### Girls Who Code

Fullerton, CA | Nov. 2014 - Jun. 2015

*Coding Instructor*

- Facilitated a weekly class to teach computer science basics to 27 junior high girls at Robert C. Fidler
- Designed an 8-month curriculum during which students learned Object Oriented Programming in Java and Objective-C using Scratch, Greenfoot, X-Code, and BlueJ
- Advocated to the Girls Who Code organization and school administration to implement the course as an after-school program despite 2 initial proposal rejections

### Society of Women Engineers

Berkeley, CA | Aug. 2015 - Present

*Overnight Host Program Committee | Shadow an Engineer Committee | Social Committee*

- Collaborated with 15 other committee members to organize and advertise a 1-day overnight program for 73 prospective freshmen and 43 hosts, working with a budget of \$700
- Recruited 42 volunteers, 17 professors, 9 student panelists, and 5 professional panelists to assist with or participate in various activities during the overnight program
- Reached out to company representatives from over 10 companies to match 40 students to a week-long externship in their interested field over spring break

### Presence Fellowship

Berkeley, CA | Jul. 2016 - Present

*Church Operations Committee | RSO Signatory*

- Correspond with and plan events for over 350 members, including weekly church-wide meetings, weekly fellowship-wide meetings, biweekly small-group meetings, and various other events
- Maintain a budget of \$5000 for and organize 10-12 welcome week activities, 6 retreats, and 3-5 banquets for the academic year

### Watered Garden Mission Disabled Outreach

Fullerton, CA | Feb. 2011 - Present

*Activities Director | Volunteer Coordinator*

- Promote the integration of 52 disabled individuals into the community through more than 20 yearly events
- Organized 6 semiannual performances with attendance increasing from 2,000 to 4,000 over 3 years, fundraising over \$1000 each year from performances alone
- Coordinated with 9 different teachers and worked with over 30 volunteers to teach disabled members to dance, play the drums, learn sign language, sing, create art, and cook

## SKILLS

**Coding Languages:** Java (5 years), Python (1 year), Rails (basic), Objective-C (basic), SQL (basic), Scheme (basic)

**Office Automation:** Windows, Mac, Microsoft Office (Word, Excel, Powerpoint), Adobe (Photoshop, Illustrator)

**Languages:** fluent in English, proficient in Korean and French

**Interpersonal:** responsible, punctual, motivated, persistent, meticulous, team player

## COURSES TAKEN/ENROLLED IN

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### **Computer Science**

61A: The Structure and Interpretation of Computer Programs

61B: Data Structures and Programming Methodology

70: Discrete Mathematics and Probability Theory

97A: CS 61A Lab Assisting

97B: CS 61B Lab Assisting

### **Electrical Engineering**

16A: Designing Information Devices and Systems I

16B: Designing Information Devices and System II