

**Samantha Soto**  
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## EDUCATION

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**California Polytechnic State University, San Luis Obispo**

*Sept. 2019 - June 2023*

**B.S. Computer Science**

- *Relevant Courses:* Computer Science 101, 202, Technical Writing for Engineers

**James A. Garfield High School**

*August 2015 - June 2019*

**High School Diploma, GPA: 4.1**

- *Relevant Courses:* AP Computer Science A, AP Computer Science Principles

## PROFESSIONAL EXPERIENCE

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**Dandilyonn**

**Summer Environmental Education Development Program**

*June - July 2020*

- Intensive 10-week mobile app development project for female underclassmen to build a mobile app, learn design thinking by Stanford LEAD alums, and work with a non-profit.
- Co-developed an iOS app, specifically the up + down gesture recognition for a charades game with Swift and XCode
- Ideated with 2 coders + 1 designer to optimize UI by coding 3 storyboards

**Google**

**Computer Science Summer Institute**

*July 2019*

- Chosen as 1 of 33 students nationwide to attend Google CSSI at LAX
- Learnt Python, JavaScript, HTML, CSS, and AppEngine by Google engineers
- Co-Developed "Fridge Pal" where a user enters X ingredients & API generates recipes with relevant ingredients.

**Girls Who Code**

**Summer Immersion Program**

*Summer 2017*

- 7-week, all-female program hosted at Disney Technology Studios to teach CS through collaboration
- Learned HTML, CSS, JavaScript, Django, and Python
- Final Project: Designed & built VR Video Game, Pac-Man Overhaul (C# & Unity)

## PROJECTS

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**Pudding**

**Lead Developer**

*March 2020*

- Web App that aimed to inspire, recommend, and teach users about the environment through a guiding social platform
- Worked with iMagga (image recognition API) that determine whether a user's image was recyclable or not

**AIHacks**

**Operations Director**

*February - June 2019*

- Co-founded SoCal's 1st 24hr all-female high school hackathon with 100 students in attendance
- Oversaw \$14,000 budget on fundraised \$1,500 on GoFundMe for the event
- Developed and lead Intro to AI workshop (4 topics: Data science lifecycle, Regression, Classification, and Clustering)
- Mentored students learning to code HTML webpages and Kotlin apps by answering questions and debugging

## HONORS AND AWARDS

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**Stanford: She Plus Plus, #include Fellow, April 2019:** 1 of 20 nationwide. Presented initiative on increasing technology accessibly in low-income neighborhoods to former Facebook executive & Stanford staff.

**NCWIT, Aspirations in Computing, January 2019:** National Honorable Mention. Selected for computing, leadership ability, academic history & plans for post-secondary education (300 of 4300)

**HITEC Foundation, Scholarship Recipient, June 2019:** For students intending to major in STEM & based on academic record & demonstrated leadership.

## SKILLS

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- Fluent in Spanish & English
- Programming languages: Python, Java, JavaScript, C#, HTML, CSS, Swift