PATRICIA TSE

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Education

University of California, Berkeley, CA
Intended Bachelor of Arts in Computer Science, expected May 2023
Regents' and Chancellor's Scholar
Classes: Calculus, Structure and Interpretation of Computer Programs, Intro to C++ (City College of San Francisco)

Skills

Python (beginner)	Google Docs
Javascript (beginner)	Microsoft Word
HTML/CSS	Rhinoceros 3D
Photoshop (beginner)	Calculus
GIMP	iMovie

Experience

Airport Intermodal Planner Assistant, San Francisco International Airport   June 2019 - August 2019
- In 10 weeks, researched and generated 6 reports on Airport transportation, commuter benefits, and needs for an employee commuter benefit kiosk
- Transcribed and analyzed data from surveys taken by over 1000 employees and more than 200 airport tenants

Co-President, Girls In Tech Club   October 2017 - June 2019
- Led a club of 10 high school girls and facilitated weekly meetings, organized future meetings and events, led
- Participated in the annual Technovation competition, in a group of 4, spent 4 months creating a business plan and coding a safety app that would alert contacts and authorities during an emergency; also designed the app logo using FireAlpaca and Krita

Student Ambassador, Teacher's Assistant, Excelsior Branch Girls Who Code Club   2016 - June 2019
- Worked on personal coding projects while helping younger girls learn to code, led workshops on HTML and CSS, Javascript, and Python
- Reached out to women in the industry to create and coordinate 3 networking opportunities such as field-trips, guest speakers, and mixers
- collaborated with 3 other students and created a cooking website with recipes that would use leftovers, reducing food waste using HTML, CSS, and Javascript on JSFiddle

Visual Manager, Hyphen-Hacks   October 2017 - October 2018
- Planned the first student-run hackathon at Lick-Wilmerding High School, reached out to sponsors, raising $18k
- Created and designed the logo, stickers, t-shirts, and posters using Adobe Illustrator and Photoshop

Participant, Girls Who Code Summer Immersion Program   June 2018 - July 2018
- Participated in a 7-week long summer program where we learned Scratch, Python, HTML + CSS, and Javascript
- Created and published a website and game using HTML, CSS, and Javascript called LIvES that pointed out the stereotypes that are put on people based on their biological sex.
- Presented Arduino projects in a board meeting with Google and GWC Executive Directors and Board members