

# Sophia Lin

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## EDUCATION

**Newport High School**

**Graduation Date: June 2022**

**Relevant Coursework:** AP Computer Science, Cisco Networking Academy, Pre-Calculus

**GPA: 3.89/4.00**

## SKILLS

Python

Java

HTML/CSS

Javascript

Swift

Command Line

Google Colaboratory

Teamwork

Leadership

## EXPERIENCE

### STEM League Developer Program | Co-Founder & Mentor

May 2020 - Present

- Co-Founded a free 8-week summer virtual coding program sponsored by T-Mobile for over 300+ 6th-10th grade students in the world that teaches Data Programming (Python) and Web Development (HTML/CSS/Javascript)
- Lead a team of 40+ college-level mentors to craft weekly mentoring sessions for students and developed Program Curriculum that taught students technical and career development skills and hosted a career panel with T-Mobile Women In Tech and coding tournaments

### AI4ALL | Scholar & UW Chapter Lead

July 2020 - Present

- Selected to participate in a 2-week rigorous data science and artificial intelligence workshop of 18 scholars to learn about fundamentals of machine learning and engaged in discussions on improving accessible technology with a focus on inclusion for people with disabilities
- Implemented data visualizations in Python with sci-kit learn library to predict global happiness scores of 5 countries using Google Colaboratory and features from World Happiness datasets
- Lead monthly Chapter Lead meetings for the University of Washington AI4ALL chapter by brainstorming inclusive activities focused on building relationships and immersion in AI topics

### Museum of Flight (Boeing Academy) | Western Aerospace Scholar

March 2020 - Present

- Spend 200+ hours studying and practicing UW Seattle's Earth Science curriculum, crafting bi-weekly exploration essays, solving intensive physics-based math problems, immersing in hands-on labs and designing blueprint graphics focused on NASA's Space Exploration Program

### weSTEM | Fellow

September 2020 - Present

- Design and teach 60 minute virtual workshops for young women to equip participants with the technical and entrepreneurship skills to envision and create their own products

### Code with Klossy | Mobile App Development Scholar

July 2020

- Prototyped an iOS educational mobile application called StudyStyle for high schoolers with Swift and UI/UX Design to address different learning styles, using Xcode and GitHub

### Microsoft | DigiGirlz High Tech Camp Participant

August 2019

- Conducted hands-on computer and technology workshops and gained insight into careers in technology

## ACTIVITIES

STEM League, Founder & President

October 2019 - Present

Built By Girls Club, Vice President

September 2020 - Present

Burke Museum, Girls in Science Participant

2018, 2019

Bill and Melinda Gates Foundation, Take Action Workshop Participant

July 2016

## AWARDS

National Honorable Mention of the NCWIT Award for Aspirations in Computing

2020

Delta Air Lines Scholarship Recipient for National Flight Academy Summer Deployment

2020

ParentMap It Starts With Youth Article Feature (Sponsored by Bill & Melinda Gates Foundation)

October 2020