Sophia Lin

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EDUCATION

Newport High School   **2018 - 2022**
Relevant Courses: Coding in Python, AP Computer Science, CISCO Networking Academy, Pre-Calculus, AP Computer Science Principles
                                                                                                                                         GPA: 3.93

EXPERIENCE

weSTEM | Fellow   September 2020-Present
- Designed and taught virtual workshops for young womxn to equip participants with the technical skills and creative mindset to envision and create their own products, focused on a variety of programming languages

AI4ALL | Participant   Summer 2020
- Selected to participate in a 2-week rigorous data science and artificial intelligence workshop of 18 scholars at the University of Washington to learn about fundamentals of machine learning and engaged in discussions on improving accessible technology with a focus on inclusion for people with disabilities
- Created data visualization graphs to interpret and predict global happiness scores of countries with Python in Google Colaboratory by extracting features from World Happiness datasets

STEM League Developer Program | Co-Founder & Mentor   May 2020-August 2020
- Co-Founded a free 8-week summer virtual coding program for 6th-10th grade students that offers two tracks: Data Programming (Python) and Web Development (HTML/CSS/Javascript), to craft personal projects and equip students with creative problem-solving skills in tech (Sponsored by T-Mobile)
- Developed Data Programming themed coding sessions and escape rooms for Program Curriculum that taught over 300+ students technical and career development skills through fundamentals of Computer Science
- Hosted collaborative coding tournaments and virtual 3-week hackathon with mentor-led workshops
- Led two 30-minute weekly mentoring sessions to mentor students in Data Programming and Web Development

Kode with Klossy | Mobile App Development Scholar   Summer 2020
- Prototyped an iOS educational mobile application called StudyStyle for high schoolers with Swift and UI/UX Design to address different learning styles, and collaborated on Xcode and GitHub platforms

Museum of Flight (Boeing Academy | Western Aerospace Scholar   March 2020-Present
- Wrote aerospace career and lunar base exploration essays, utilized critical problem solving skills to solve physics-based math problems, applied creativity to hands-on labs and designed blueprint graphics focused on NASA's space exploration program as well as topics in Earth and Space Science

Museum of Flight (Boeing Academy) | Private Pilot Ground School Student   Summer 2019
- Trained flight skills in the ALC (Aviation Learning Center) simulators weekly and applied knowledge of aerodynamics and navigation to collaborative team projects
- Explored aviation and aerospace through field trips to organizations, built a base of fundamental aeronautical knowledge required to pass the FAA private pilot exam through course instruction

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ACTIVITIES

STEM League, Founder & President	2019-Present
AI4ALL Changemakers in AI Alumni, Member	July 2020-Present
Bellevue Arts Museum Teen Arts Council	September 2020 - Present
Microsoft DigiGirlz Camp, Participant	Summer 2019
#BUILTBYGIRLS Club, Member	2018 - Present
Girls Who Code Club, Member	2018 - Present
Junior Varsity Cross Country, Runner	2015-2019
DawgBytes at UW	Summer 2018
Girls in Science at Burke Museum	2018, 2019
Bill and Melinda Gates Take Action Workshop	Summer 2016
Microsoft YouthSpark Summer Camp	2015, 2016

AWARDS

AP Scholar	2020
National Honorable Mention of the NCWIT Award for Aspirations in Computing	Washington: Seattle and West Winner	2020
Delta Air Lines Scholarship Recipient for National Flight Academy Summer Deployment	2020
Alice Envisions the Future: Girls in AI, Seattle Hackathon	2019