

Siyu Katherine Wang

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Education

- **University of Washington**, Seattle WA Expected: Dec 2019
B.S. in Computer Science | Minor in Anthropology
Tune House Scholar | GPA: 3.77 [Dean's List]

Technical Skills

- **Programming Languages:** Java, Python, SQL, Javascript, HTML/CSS, C
- **Others:** Linux, git, Machine Learning, Microsoft Azure, AWS, Django, Unity, Spring Framework

Experience

- **University of Washington**, Seattle, WA Sep 2018 - Present
CSE 332 Teaching Assistant
Helping design the Data Structure and Parallelism course curriculum, constructing tests, preparing materials, grading assignments, and teaching a section. Working with students one-on-one and motivating students to work through challenging problems.
- **EA (Electronic Arts)**, Seattle, WA Summer 2018
Software Engineering Intern
Developing a Java/Spring REST API application designed to enable on-demand visualization and text based reporting of in-game economy runtime activities for all game studios that are supported by EADP across all platforms.
- **The GEMSEC**, Seattle, WA Jul 2018 - Present
Undergraduate Research Assistant
Designing and maintaining databases for the GEMSEC at the University of Washington. Working closely with other researchers to create an infrastructure to design novel hybrid devices for applications in technology and medicine.
- **UW HFS Residential Advisory Council**, Seattle, WA Aug 2016 - Jun 2018
Hall Representative → Resident Advisor
Oversaw the development of a community, supported students with my counseling skills and knowledge of campus resources, and communicated with HFS directors when issues appear.
- **Girls Who Code**, Newark, NJ Summer 2017
Teaching Assistant
Helped high school girls from underrepresented communities further develop their interests in Computer Science. Provided support to the teacher with my knowledge and my enthusiasm for teaching.
- **Earthgame Studio**, Seattle, WA Mar 2017 - Dec 2017
Undergraduate Researcher
Made Unity games to raise awareness for Environmental Science. Worked in groups over a long period of time on various projects.

Projects

- **CommandsToAlias** [Individual Project]
A python project that checks for the most used terminal commands on your local machine and enable users to alias frequently used commands. Utilized Python 3 and bash script.
- **Calculuspeak** [Team Project]
A web calculator for individuals with visual impairments. Supports graphing description and certain calculus functions. Utilized Bing API, Flask, Wolfram Alpha API, Python 3, and Javascript.