

KATHERINE SIYU WANG

ENTRY LEVEL SOFTWARE ENGINEER

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☎ 818-800-6724

📍 Seattle, WA (Open to relocation)

🌐 [linkedin.com/in/siyukw](https://www.linkedin.com/in/siyukw)

EDUCATION

University of Washington

B.S. in Computer Science

📅 Expected: December 2019

📍 Seattle, WA

- Tune House scholar; Dean's List student; GPA 3.7

EXPERIENCE

Bloomberg

Software Engineering Intern

📅 June 2019 – August 2019

📍 New York, NY

- Containerized standalone development environments by creating Docker images for the project.
- Prototyped migrating an in-production three-layer service to use Spark for performance improvement.

Google

Software Engineering Intern

📅 March 2019 – June 2019

📍 Mountain View, CA

- Performed garbage collection for databases containing terabytes of data in parallel for the Android Mobile Malware team.
- Designed and implemented a scheduled job that generates the database that stores third party app safety information.

University of Washington

Teaching Assistant/ Co-instructor

📅 March 2018 – Present

📍 Seattle, WA

- Proposed, designed, and co-instructed a new course to the school as an undergraduate student.
- Head TA for the core Data Structure and Parallelism course, helped modify the course curriculum, constructed exams, prepared section materials, graded assignments, and taught sections.

Electronic Arts

Software Engineering Intern

📅 June 2018 – September 2018

📍 Seattle, WA

- Developed a Java/Spring REST API application designed to enable on-demand visualization reporting of in-game economy runtime activities for all studios that are supported by EA Digital Platform.

Girls Who Code

Teaching Assistant

📅 June 2017 – September 2017

📍 Newark, NJ

- 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.

SKILLS

Java C++ Python Go SQL C

HTML/CSS

Git Docker Borg Spring Spark

Bigtable Spanner Linux Azure

Unity AWS Postgres

Product Management Leadership

Communication Teaching

LANGUAGES

English ●●●●●

Mandarin ●●●●●

American Sign Language ●●●●●

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.

VOLUNTEERING EXPERIENCE

- ASUW Student Senate Senator
- UW CSE Student Advisory Council Founder
- UW Resident Advisory Council Representative
- UW Brazilian Jiu-Jitsu Club Treasurer