Phillip **Wu Liang**

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Education

Western Washington University   *Bellingham Washington*
B.S. in Computer Science   *Graduating December 2019*

Computer Science Courses: Data Mining, Parallel Computation, Formal Language, Analysis of Algorithms, Object-Oriented Design, Machine Learning Algorithms,Information Technology and Communications.

Skills

Programming	Python,C, Java ,C++,Javascript,
Technologies	Django, D3, MySQL, HTML/CSS,React, Android SDK, AWS
Languages	English, Spanish, Chinese(Cantonese)

Work Experience

Western Washington University   *Bellingham, WA*
Research Assistant   *Sept. 2018 - Present*

- Research in Human-Computer Interaction, mHealth, and machine learning under Dr. Shameem Ahmed and Dr. Julian Rrushi.
- Research and Developing machine learning model that predicts high stress episodes in college students.
- Helped develope and demonstrate potential of decoy drivers on Windows architecture to detect malware threats.

Ethnic Student Center   *Bellingham, WA*
Assistant Director for Club and Events   *Aug. 2017 - Sept. 2018*

- Facilitated and collaborated large event planning with 18 cultural clubs
- Increased club officers retention rate by 15 percent by successfully leading team building workshops quarterly
- Helped manage and distribute a $40,000 budget for clubs activities.

Projects

Smoking Cessation Data Visualization   *Bellingham, WA*
Technologies used- HTML, CSS,React, JavaScript D3 library   *Sept. 2018 - Dec. 2018*

- Developed web-based dashboard to visualizes stress and activity metrics to facilitate health researchers pinpoint behaviors of regular smokers

Tutoring Queue   *Bellingham, WA*
Technologies used- HTML, CSS, PHP,javascript, SQL   *Feb. 2018*

- Developed tutoring queuing website in a team of four with loggable admin and client users and provides analytics in real-time.

BlueLight   *Bellingham, WA*
Technologies used- Java, C#   *February 2019*

- Developed an Android app and desktop dispatcher as an alternative to current campus emergency phones.
- App functionality includes instant alerting to the dispatch server , sharing GPS coordinates and user information.

Extracurricular Activity

WWU Artificial Intelligence Association   *Bellingham, WA*
Marketing and Communications Officer   *Jan. 2018 - PRESENT*

- Develop, support and promote club goals, including social media content creation and media outreach.
- Help lead workshops about applications of artificial intelligence twice every quarter.

WWU Computer Science Department   *Bellingham*
Mentor   *Jan. 2019 -PRESENT*

- Work with students weekly to debug code, and effectively communicate technical concepts to peers in Java, and Python languages

Honors & Awards

2018	**1st Place Overall**,	WWU ACM Hackathon Tutoring Queue	*Bellingham, WA*
2019	**3rd Place Overall**,	WWU ACM Hackathon Blue Light	*Bellingham, WA*