

# PHILLIP WU LIANG

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## EXPERIENCE

### Research Assistant

#### Western Washington University

Sept 2018 – Present

Bellingham, WA

- Research in Human-Computer Interaction, mHealth, and machine learning under Dr. Shameem Ahmed
- Assisting ongoing research on machine learning model to recognize high stress episodes in college students with autism

### Assistant Director for Club Events

#### WWU Ethnic Student Center

Aug 2017 – June 2018

Bellingham, WA

- Increased club officers retention rate by 15% by successfully leading team building workshops quarterly
- Helped manage and distribute a \$40,000 budget for 18 clubs year long activities and large scale events

## PROJECTS

### BlueLight | Android|Java|C#

- Created android app and desktop dispatcher as an alternative to campus emergency phones boxes to facilitate students ability to contact university's police and officers ability to locate students location.
- Application functionality includes real-time alerting to the dispatch server, sharing GPS coordinates and user information

### Smoking Cessation Data Visualization|HTML|CSS|node.js|d3

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

### Tutoring Queue| HTML|CSS|PHP|MYSQL

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

## ACTIVITIES

### Communications & Marketing Officer

#### WWU Artificial Intelligence Association

Jan 2018 - Present

Bellingham, WA

- Lead officer monthly club meetings for event programming and social media content and media outreach.

### Mentor

#### WWU Computer Science Department

Jan 2019 - Jun 2019

Bellingham, WA

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

## EDUCATION

### B.S in Computer Science

#### Western Washington University

Sept 2015-Present

Bellingham, WA

- Graduating September 2019

## SKILLS

### Programming Language

- Proficient: Python, Java, C, SQL.
- Familiar: HTML, CSS/SASS, JavaScript, C#, R

### Libraries & Frameworks

Android, Jekyll, Django, d3, tensorflow

### Tools & Platforms

Git, Firebase, MYSQL

## RELEVANT COURSES

Formal Languages and Functional Programming

Analysis of Algorithms

Object-Oriented Design

Database Systems

Computer Networks

Machine Learning Algorithms

## HONORS AWARDS

- First Place in WWU ACM Hackathon 2018 for Tutoring Queue
- Third place in WWU ACM Hackathon 2019 for BlueLight

## INTERESTS

Traveling

Reading

Photography

Filming