

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
- Worked with team of 3 to develop machine learning model to predict high stress episodes near real time in college students with autism.

Assistant Director for Club Events

WWU Ethnic Student Center

Aug 2017 – June 2018

Bellingham, WA

- Provided administrative and programmatic support to help coordinate events that student clubs put together.
- Co-managed a \$40,000 budget for 18 clubs year long activities and large scale events

PROJECTS

BlueLight | Android | Java | C#

- Built Android App and C# desktop dispatcher system with real time alerting, sharing GPS coordinates and user information as an alternative to campus call boxes.

Smoking Cessation Data Visualization | D3 | HTML | CSS | node.js

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

Tutoring Queue | PHP | HTML | CSS | MYSQL

- Developed tutoring queuing website in 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 - June 2019

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, Linux/Unix

RELEVANT COURSES

Formal Languages and Functional Programming

Analysis of Algorithms

Object-Oriented Design

Database Systems

Computer Networks

Machine Learning Algorithms

HONORS & AWARDS

- Awarded 1st for Tutoring Queue project in WWU ACM Hackathon 2018

INTERESTS

Traveling

Hiking

Photography

Filming