

# Shih-Pei Wang

*Software Engineer*

## Experiences

- **Agile Developer Intern**  
SAP  
September 2020 - Present  
Developing and improving SAP Analytics  
Cloud products such as Catalog and Hub
- **Fellow**  
MLH Fellowship  
June 2020 - August 2020  
Became more familiar with Git by contributing to open source projects on GitHub; Added features to a React Native Android app that acts as a mobile code editor for Adafruit microcontrollers
- **Monitoring Team Member**  
UBC Envision Green Joule Design Team  
September 2018 - April 2020  
Designed a light box with a multi-disciplinary team to track the growth of algae biofuel autonomously using Raspberry Pi, sensors, and Python
- **Instructor**  
UBC Geering Up Engineering Outreach  
April 2019 - August 2019  
Taught at a summer camp encouraging youth to pursue STEM careers by introducing them to science and technology

## Education

### University of British Columbia

Bachelor of Applied Science -  
Computer Engineering

Expected graduation May 2022

- Dean's Honour List (3.90/4.33 GPA)

## Technical Skills

### Languages

- Java
- C/ C++
- Python
- HTML/ CSS
- JavaScript
- Verilog

### Technologies

- Git
- React
- FireBase
- MongoDB
- ARM Assembly
- Raspberry Pi

## Personal Projects

### Fellow Crossing

August 2020

Designed a game that allows interpersonal interactions for remote workspaces

### BLM Tracker

June 2020

Created a dynamic heatmap that shows areas in the US with the most active BLM movement

### Millenium Falcon

November 2019

Implemented various graph theory functions in Java

### Food Fairy

October 2019

Created a food waste manager web app using JavaScript, JSON and FireBase