Shih-Pei Wang

Software Engineer

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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

- Contributed to open source projects on GitHub and became familiar with Git
- Added features to a React Native Android mobile code editor app 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)

Skills

- Java
- C
- Python
- HTML/ CSS
- JavaScript
- React
- Git
- FireBase
- MondoDB
- ARM Assembly
- Verilog
- 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   October 2019

- Implemented various graph theory functions in Java

Food Fairy   October 2019

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