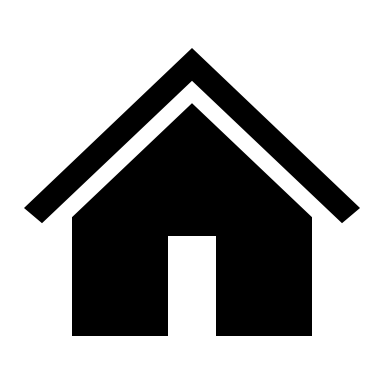
**Hao (Harin) Wu**

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EXPERIENCE

**Hungrii Inc.** | **Founder/Lead Developer** 01/2019 – Present

* Launching monthly features on **Tastebuds**, a social dining app, collaborating with a team of nine on weekly sprints.
* Scraping thousands of restaurant’s data with **Python,** saving **100+ hours** of manual data entry.
* Fully transitioned team stack to cross-platform **React Native**, improving team efficiency **by over 50%**.
* Deployed **Tensorflow** machine learning model, utilizing matrix factorization, random forests and stacking.
* Designed and developed prototypes on **Swift** iOS**, Kotlin** Androidand **HTML/CSS/JavaScript** web.

**UBC Launchpad** | **Software Developer** 09/2020 – Present

* Deploying backend on **Docker** to create a consistent working environment, reducing setup times by **2+ hours**.
* Designing and maintaining a **MySQL** database and **NodeJS** backend for an iOS financial management app on a software design team.

**TELUS Communications Inc.** | **Software Developer Intern** 09/2019 – 04/2020

* Assisted with early service outage detection for government and enterprise customers, presenting updates on Tableau reports and automated email notifications to **save thousands of dollars** in service penalties.
* Prototyped a micro-service cloud architecture, with **React.js**, **MongoDB** and **API services** hosted on Google Cloud.
* Transitioned team development workflow from a traditional waterfall into agile, **saving 10+ hours** in weekly project planning and task flow, by clearly organizing backlogs, issues, stories and epics on JIRA.

**ProToGo Technologies Inc.** | **Mobile DevOps**  08/2019 – 12/2019

* Exceeding expectations on weekly sprints with persistent hard work, cutting project time by **30%**.
* Accelerated a construction technology startup by leading **Android and backend development**.

**Electronic Arts Inc. (Keywords Studios)** | **Development Support** 05/2018 – 08/2019

* Discovered and logged **60+ bugs** from AAA title games (**FIFA 19** and **FIFA 20**) on DevTrack.
* Managed tasks amongst team members on JIRA, Hansoft and Trello, tracking **500+ bugs** and issues.

PROJECTS

**Amazon Web Services DeepRacer** 05/2020

* Trained an autonomous car, finishing **top 30** amongst thousands of racers, qualifying for Amazon reInvent 2020.
* Familiarized with the details and implementations of various state of the art algorithms, like **PPO**, **DDPG** and **SAC**.

**Transformers & LSTM Neural Networks for Time Series Forecasting** 04/2020

* Deployed a neural network for OHCLV stock price predictions on **PyTorch**, achieving minor portfolio gain.
* Familiarized with **Jupyter** notebooks, hyperparameter tuning, deep learning and reinforcement learning.

**TrustID – 2020 TELUS Hackathon** 02/2020

* Created a functional Bluetooth powered access door system using Swift, **Postman** and **Heroku**.

EDUCATION

**University of British Columbia** 09/2017 – 05/2022

* Courses in data structures, algorithm designs, computer systems and machine learning.
* Completed assignments and projects in **Java**, **C/C++**, **Assembly** and **TypeScript**, achieving high proficiency.
* Core GPA / Full GPA: **3.6** / **3.5**

INTERESTS

* Fluent in English, French and Mandarin. Experience in Spanish and German.
* Team player competing in soccer, golf and ultimate.
* Dedicated to science, technology, innovation and AI, notably in artificial general intelligence.