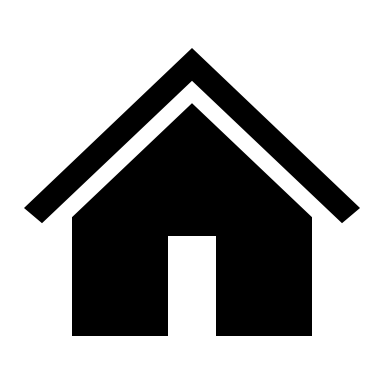
**Hao (Harin) Wu**

778-986-7329   [harinwu99@gmail.com](mailto:harinwu99@gmail.com)  [harinwu.com](http://www.harinwu.com/) GitHub Logos and Usage · GitHub [github.com/Harin329](http://www.github.com/Harin329)

EXPERIENCE

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

* Launching monthly features on Tastebuds (2k users), a social dining app, working 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-platformReact Native, improving team efficiency **by over 50%**.
* Deployed Tensorflow machine learning model, utilizing matrix factorization, random forests and stacking.

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

* Deploying backend on Dockerto create a consistent working environment, reducing setup times by **2+ hours**.
* Designing a MySQL database and Node (TypeScript) backend for an iOS fintech app on a software design team.

**TELUS Communications Inc.** | **Software Developer Co-op** 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 workflow into agile, **saving 10+ hours** in weekly planning, by organizing backlogs, issues, and epics on JIRA.

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

* Exceeded 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

**Hack the North 2020++** | **FridgeSpace** 01/2021

* **Won** Canada’s biggest hackathon with an app for food donations using Swift, Python, CockroachDB and ML.

**nwHacks 2021** | **Mentor** 01/2021

* Assisted **30+** hackers in 24 hours on various topics like JavaScript, Swift iOS, Kotlin Android, HTML/CSS and GCP/AWS.

**Blinded** | **iOS Game** 12/2020

* Created using ffmpeg and pydub to generate spatial audio, and an algorithm to track head position.

**Amazon DeepRacer** | **Autonomous Object Avoiding Race Car (Reinforcement Learning)** 05/2020 – 12/2020

* **Top 10** in North America at 2020 Amazon reInvent finals, **top 30** amongst thousands of racers in qualifiers.

**Transformers & LSTM for Time Series Forecasting** | **OHCLV Stock Price Prediction** 04/2020

* Created and tuned a neural network with PyTorch and Jupyter notebooks, achieving minor portfolio gain.

**TELUS Hackathon 2020** | **TrustID** 02/2020

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

EDUCATION

**University of British Columbia** | **Computer Science, B.S.**  09/2017 – 04/2022

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

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.