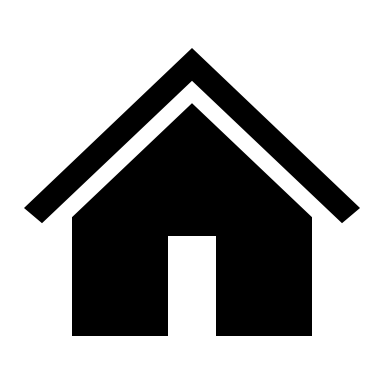
**Hao (Harin) Wu**

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

**Restaurant Brands International** | **Software Engineer Intern** 05/2021 – Present

* Shipping push notification feature for delivery updates, to be used by **20 million+ monthly users** across 3 brands.
* Product planning for deliveries with data-driven approach, processing **5 billion** rows using Athena and DynamoDB.
* Working with React, Sanity and GraphQL on various features necessary to complete team and brand objectives.

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

* Launching 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 entry and serving data on distributed systems using the FastAPI framework.
* Deployed hybrid recommendation model through docker-compose and **reduced monthly costs by 70%**.

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

* Deployed backend on Dockerto create a consistent working environment, reducing setup times by **2+ hours**.
* Designed 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, MongoDB and API services hosted on Google Cloud.

**Electronic Arts Inc.** | **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

**SDHacks 2021** | **Eden** 02/2021

* **Won** California’s biggest hackathon with an app for urban garden engagement using Swift, Go, and CockroachDB.

**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 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.

EDUCATION

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

* Core GPA / Full GPA: **3.8** / **3.7**
* 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.