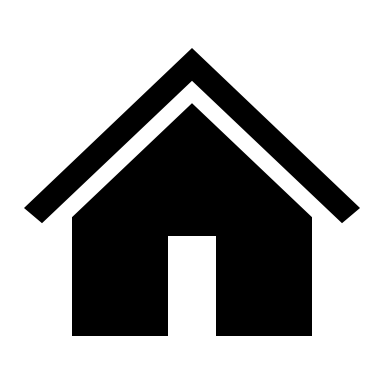
**Hao (Harin) Wu**

**SOFTWARE ENGINEER**

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)

EDUCATION

**University of British Columbia** | **Computer Science, B.S.**  Sep 2017 – Apr 2023

**VANCOUVER, CANADA**

* Studied courses in data structures, algorithm designs, systems and machine learning with GPA of **3.8**
* Completed assignments and projects in Java, C/C++, Assembly and TypeScript, achieving high proficiency.

EXPERIENCE

**Tesla** | **Software Engineer Intern** Aug 2022

**PALO ALTO, USA (REMOTE)**

* Incoming intern on the Tesla solar autobidder team.

**Amazon** | **Software Engineer Intern** May 2022 – Aug 2022

**VANCOUVER, CANADA**

* Handled **6 million+ monthly logs** from critical deployment systems into unified logging solution on CloudWatch.
* Reduced AWS Lambda function runtime by **400%**, improving logging latency and saving operational costs.
* Improved all on-call workflow speeds for applicable customer deployment issues by **30 minutes**.

**SAP** | **Software Developer Co-op**  Sep 2021 – Apr 2022

**VANCOUVER, CANADA**

* Securely reduced CDN release time by **80%** with Groovy automation, while hosting various team integrations.
* Decreased failure response time for weekly test automation by **60%** with an alternative bash script.
* Stabilized Jenkins testing pipeline by introducing a daily trigger job and **improved test success rate by 20%**.

**Restaurant Brands International** | **Software Engineer Intern** May 2021 – Aug 2021

**TORONTO, CANADA (REMOTE)**

* Shipped push notification feature for delivery updates, to be used by **50 million+ monthly users** across 3 brands.
* Proposed delivery flow improvement with a data-driven approach, processing **7 billion** objects from DynamoDB.
* Developed payment and cart features of a **top 5 charted international** app with TypeScript, Sanity, and GraphQL.

**TELUS Communications** | **Software Developer Co-op** Sep 2019 – Apr 2020

**BURNABY, CANADA**

* Detected early service outages for government and enterprise customers by analyzing pings with SQL queries.
* Automated updates on Tableau reports and email notifications to **save thousands of dollars** in service penalties.
* Prototyped a micro-service webapp, with React, MongoDB and API services hosted on Google Cloud.

**Electronic Arts** | **Development Support** May 2018 – Aug 2019

**BURNABY, CANADA**

* Detected 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, tracked **500+ bugs** and issues.

PROJECTS

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

* Shipping features on Tastebuds (**2.3k+ users**) and serving data on distributed systems **reducing costs by 70%**.

**UBC Launchpad** | **Technical Team Lead**  Sep 2020 – Present

* Built a backend video-to-recipe converter, parsing recipe steps and reducing user input time by **50%**.

**SDHacks 2021** | **Eden (Urban Garden App)** Feb 2021

* Led development of app using Swift, Go, and CockroachDB, **won** California’s biggest hackathon.

**Hack the North 2020++** | **FridgeSpace (Food Bank Donation App)** Jan 2021

* Collaborated on app using Swift, Python, CockroachDB and ResNet (ML Vision), **won** Canada’s biggest hackathon.

**nwHacks 2021** | **Mentor** Jan 2021

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

**Amazon DeepRacer** | **Autonomous Object Avoiding Race Car (Reinforcement Learning)** May 2020 – Dec 2020

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