# Hong Yu Wang

72 Bayswater ave., Richmond Hill, ON, Canada, L4E4E6

647-667-2368 | hongywang@hotmail.com | github.com/hongyu-wang

## Work Experience

- **Amazon**  Toronto, ON
  *Software Engineering Intern*  *September 2019 - Present*
  - Developed a feature used by warehouse associates in fulfillment centers
  - Implemented the front-end with ReactJS and used a Java Spring back-end
  - Project lead to the deprecation of 4 existing tools and significantly improved the efficiency of warehouse associates
  - Worked closely with PMs and UX designers to gather requirements for the project

- **Google**  Boulder, CO
  *Software Engineering Intern*  *May 2019 - August 2019*
  - Developed an end-to-end tool for visualizing bindings for Guice (Google's dependency injection platform)
  - Visualized dependency graph using d3.js
  - Provided feature to compute unused bindings
  - Allows for a substantial reduction in server start up time and reduced test flakiness

- **Informatica**  Toronto, ON
  *Software Engineering Intern*  *May 2018 - May 2019*
  - Worked on the Master Data Management product
  - Created UIs with React-Redux and AngularJS with Java Spring
  - Integrated 3rd party library Webswing to facilitate company transition to Java 11
  - Designed an end-to-end automation framework using Puppeteer
  - Experience in an agile work environment

- **University of Toronto**  Toronto, ON
  *Lab Programmer*  *May 2017 - April 2018*
  - Designed a system to create psychology experiments using C#.
  - Used a linked-list to not require global state. This allowed multiple entry points into each trial
  - Implemented procedural generation of trial environments
  - Created a feature which allowed end-users to design trial workflow using reflection

## Skills

**Languages:**  Java, Javascript, Python, C/C++, C#, SQL

**Frameworks:**  React, Node, Guice, Spring, AngularJS, Angular, Android

**Other:**  Postgresql, MongoDB, Linux, Bash, Latex, Git, Subversion, Perforce, Mercurial

## Education

- **University of Toronto - St.George Campus**  Toronto, ON
  *Bachelor of Science in Computer Science*  *Sept. 2015 - April. 2020*
  - 2016, 2017, 2018 Dean's List Award