

# Hong Yu Wang

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## 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