

Hongyu Wang

72 Bayswater ave., Richmond Hill, ON, Canada, L4E4E6
647-667-2368 | hongyu.wang@mail.utoronto.ca | github.com/hongyu-wang

Work Experience

- **Google** Boulder, CO
May 2019
Incoming Software Engineering Intern
- **Informatica** Toronto, ON
May 2018 - Present
Software Engineering Intern
 - Worked on the Master Data Management product
 - Created UIs with React frontend with Java Backend
 - 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
May 2017 - April 2018
Lab Programmer
 - 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

Experienced: Java, Python, Javascript, Python, ReactJS, NodeJS

Proficient: C/C++, C#, SQL, Angular

Other Tools: Linux, Bash, Batch, Powershell, Git, SVN, Perforce, Latex, TDD

Education

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

Projects

- **StudyCat - Android, NodeJS, Python** github.com/hongyu-wang/StudyCat
Sept 2017 - Dec 2017
Project Course
 - A multi-platform anti-procrastination application with a desktop, android, and web component
 - Implemented a Node server to handle communication between all applications
 - Wrote an event driven system for app-server communication using DataBus
 - Followed an agile design process
- **ZhiYin - Java, Android, IOS** github.com/hongyu-wang/ZhiYin
Jan 2016 - May 2016
Personal
 - A social media app based on sharing audio clips to represent current emotions
 - Built using Java, Libgdx, and RESTful web services
 - Used object oriented programming principles to design and implement the front-end
 - Created an event driven system to feed server data into visual components