Hongyu Wang

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

Work Experience

- **Informatica** Toronto, ON
  Software Engineering Intern *May 2018 - Present*
  - Worked on a customer facing feature for the Toronto Master Data Management product
  - Implemented support for multi-language login authentication using both Java and Javascript
  - Created several batch scripts to automate workflow, reducing deployment time by 25%
  - 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#. These experiments were divided into blocks and trials.
  - Used a linked-list to not require global state. This allowed multiple entry points into each trial
  - Implemented procedural generation of trial environments
  - Implemented a feature which allowed end-users to design trial workflow using Reflection

Skills

Experienced: Java, Python, Javascript, Python, AngularJS, NodeJS

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

Other Tools: Linux, Bash, Batch, Powershell, Git, SVN, Perforce, Latex, End-to-end and Integration testing

Education

- **University of Toronto - St.George Campus** Toronto, ON
  Bachelor of Science in Computer Science *Sept. 2015 - April. 2020*
  - 2016, 2017 Dean's List Award
  - CGPA: 3.61/4.0

Projects

- **StudyCat - Android, NodeJS, Python** github.com/hongyu-wang/StudyCat
  Personal *Sept 2017 - Dec 2017*
  - A multi-platform anti-procrastination application with a desktop, android, and web component.
  - Implemented a Node server to handle communication between all applications
  - Wrote system for Android Application to parse server data using DataBus
  - Followed an agile design process
- **ZhiYin - Java, Android, IOS** github.com/hongyu-wang/ZhiYin
  Personal *Jan 2016 - May 2016*
  - A social media app based on the use of music and sound
  - 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