Hongyu Wang

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Work Experience

Informatica   Toronto, ON
Software Engineering Intern   *May 2018 - Present*
  - Implemented multi-language support for login authentication using both Java and Javascript
  - Created several batch scripts to automate workflow
  - Designed an end-to-end automation framework using Puppeteer
  - Created components in both AngularJS and ReactJS

University of Toronto   Toronto, ON
Lab Programmer   *May 2017 - April 2018*
  - Created a system that realized a psychology experiment configured using JSON
  - Created several batch scripts to automate workflow
  - Designed markers that converted 2D images into markers
  - Implemented procedural generation of trial environments

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

Skills

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

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

Miscellaneous: Linux, Bash, Batch, Powershell, Git, SVN, Perforce, Latex, End-to-end and integration testing

Projects

StudyCat - Android, NodeJS, Python   github.com/hongyu-wang/StudyCat
Personal   *Sept 2017 - Dec 2017*
  - A new take on an anti-procrastination application which appeals to your feelings of guilt for not completing tasks
  - The application has a node server, a chrome extension, a desktop GUI and an android application
  - Implemented a Node server using JS promises to handle communication between all applications
  - Created back-end logic for Android Application to handle server data
  - 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
  - Smoothly adapted to client requirement changes using an agile development hierarchy