

Liuming Huang

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EDUCATION

Bachelor of Science

Sept 2017 – Present

Art & Science, University of Toronto, St. George

Expected Graduation: Jan 2022

- Double Specialization in Computer Science and Data Science
- Cumulative GPA 3.53/4.0
- Dean's List Scholar in the Faculty of Arts and Science

RELEVANT SKILLS

- Languages: Python, Java, SQL, HTML, JavaScript, C#, R
- Technologies: Git, AWS, Docker, React, NodeJS, MongoDB, ExpressJS
- Sufficient experience in large-scale data modeling and data analytic projects
- Extensive working experience in developing automation test framework, creating test strategies, test plans

WORK EXPERIENCE

Software Developer (Remote Internship), Visa, Shanghai, China

Apr 2021 – Aug 2021

- Researched in open source projects about Federated Machine Learning and measured the runtime & accuracy of algorithms
- Developed a Python Dashboard used by 10 staffs to simply drag & drop datasets
- Used Docker Compose to orchestrate multiple containers that work together and set up environments.

QA Automation Engineer (Co-op), Proofpoint, Toronto, ON

May 2020 – Aug 2021

- Built automation framework using Selenium and C# to automate testing of web applications
- Created new helper functions by using REST API to generate test data, and improved average 50% running time reduction during each test run
- Experienced in Agile Development process for diverse requirements

PROJECTS

Android Game Center

- Used Java to develop frontend, backend of three Android game applications based on Model-View-Controller design
- Secured Sign-in by Google Firebase Authentication and users can log in to the application with their account on different devices.
- Observer pattern to have all tiles observe game status until it was their turn to handle player's command

Budget (React Web Application)

- Developed a budget planning web application using React, Node.js, Express.js, and MongoDB
- Designed and completed the frontend part using React, Bootstrap. Designed the Restful api between frontend and backend
- Built the backend using Node.js, Express.js and MongoDB