Muhang Li

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SKILLS	**Programming Languages**:	C, C#, Java, Javascript, HTML, CSS, Python, SQL
	Tools:	Git, React, NodeJs, Linux, Pandas, AWS, Jenkins

EDUCATION

McGill University, *BSc in Honours Software Engineering*   Graduated Feb 2021
Montreal, QC
GPA: 3.42

EXPERIENCE

Aident, *Fullstack Software Engineer, Co-Founder*   July, 2021 | Present
Richmond, BC

- Set up a REST API backend server with **NodeJs** Express on an AWS EC2 instance. Designed and set up a **MySQL** database on **AWS RDS**
- Designed and developed a responsive single-page web application using **React** functional components in close collaboration with the team
- By code refactoring and optimization, reduced frontend requests to AWS S3 by 500%
- Set up an automated test framework with **Mocha** and **SinonJs**, and a CI/CD pipeline with AWS Code Deploy for product release
- By following the Agile methodology, participated in sprint planning and story point estimation

Wise Systems Inc., *Software Engineer Intern*   Jan 2021 | May 2021
Montreal, QC

- Assessed bugs and provided fixes in both the front-end(**JS**, **Polymer** 2) and the back-end(**NodeJS**, **Scala**, **PostgreSQL**, **MongoDB**) for the company's cloud-based web application
- Built a front end wrapper of API endpoints for internal use using **HTML**, **CSS**, **Javascript**, and **JQuery**
- Launched multiple client sites by building data cleaning and ETL mapping pipelines to integrate client data
- Implemented new features using testable code accompanied with unit and integration tests

Research Experience

META Reasoner, *Java*
Implemented the algorithm and data structures for faster searching time for the decision-making AI layer within a multi-layered robot system. Built a real-time graphical simulation system to test the proper functioning of the AI agent.
https://tonamuhang.github.io/projects/META_Reasoning_Report.pdf