Fuhai Gao

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🎓 Education

University of Waterloo, Ontario, Canada   2017 – 2022 (Expected)
Bachelor in Computer Engineering

⚙ Skills

- Programming Languages: Java, C++, Python, Javascript
- Full-Stack: HTML, CSS, React, Redux, Formik, AngularJS, JQuery, Node.js, Express, Socket.io, Salesforces
- Database: MongoDB, SQL, SOQL, SOSL
- Tools: Git, SVN, Bitbucket, Swagger, Azure

👥 Experience

TimeSaved Toronto, Ontario   May 2019 – Aug 2019
Full Stack Developer Intern

- Contributed to Staffing Agency Application on building components and managing server for **web**, **Andriod** and **IOS**
- Implemented **RESTful APIs** to provide User Management Services with **NodeJS** and **Express**
- Implemented Worker Business Page, Rating System, Jobflow using **React, Redux and Formik**
- Re-designed logics of **back-end** and optimized database queries, estimated to reduce data processing time by 50%
- Created custom components to accommodate complex business requirements, exceeding iteration goals by 20%
- Developed real-time message system between web and mobile using **Socket.io**
- Integrated **Swagger** Framework, wrote and automated documentation and use cases for REST APIs

Stratus360 Toronto, Ontario   Sept 2018 – Dec 2018
Full Stack Developer Intern

- Contributed to **CRM** application with Salesforce, including micro-service back-end in **Apex/Java**, and component-based front-end in **JavaScript** with **Visualforce** Framework, **Lightning Component** Framework
- Developed Web Services for features of CRM system including case management and performance tracking
- Implemented customer feedback, article subscription and dashboard functionality with **RESTful APIs**
- Refactored Apex code (backend) to reduce query time by approximately 30%
- Wrote unit tests for Apex Classes and Web Services with over 70% code coverage

Imagine Communications Toronto, Ontario   Jan 2018 – April 2018
Automation Developer Intern

- Developed **Groovy/Java** script to test graph's functionality, performance and robustness in the system level
- Contributed to code refactoring, Unit test, and Automation Test Script
- Resolved **40+ Jira issues** while working in **Agile Software Development** Environment

📦 Project

Authentication/To-Do-List   https://logintodo.herokuapp.com/

- A **MEAN stack** web application that allows users to add, delete, rank and modify their tasks
- Implemented Data persistence with **MongoDB** to save users' tasks and states
- Developed Authentication, verification and resetting features using **Express** and **NodeJS**
- Implemented the features of adding, deleting and displaying tasks in the to-do list using **AngularJS**

Personal Website   https://fuh.herokuapp.com/

- A personal web to display basic information with front-end in **AngularJS** and back-end in **NodeJS** and **Express**
- Implemented animated slideshow, send/receive Email system and navigation bar functionalities