

Chengyu Xin

Software Developer

"Great acts are made up of small deeds."



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SKILLS

Java

Python

C

Spring Boot

React

RESTful API

SQL

Docker

MongoDB

GCP

Git

LANGUAGES

English

Full Professional Proficiency

Mandarin

Native or Bilingual Proficiency

INTERESTS

New technologies

Sports

Games

EDUCATION

Honours Bachelor of Science, Computer Science

UNIVERSITY OF TORONTO SCARBOROUGH

09/2017 - 08/2021

Courses

- Software Design & Database
- Computer Network & Network Security
- Machine learning & AI
- Data Structure & Algorithms
- Operating System
- Computer Graphics

WORK EXPERIENCE

IT AUTOMATION CO-OP

Fidelity Investments Canada Limited

01/2021 - 04/2021

Toronto, Canada

Achievements/Tasks

- Worked as an active scrum team member and fulfilled a variety of responsibilities in the QA areas
- Designed and created a load test for a public Web server under QA environment using JMeter
- Implemented Web UI test cases using Katalon and integrated with Jenkins to automate the full test
- Had weekly status meetings with the team to report the works have done and plans for the next steps

FULL-STACK SOFTWARE DEVELOPER CO-OP

Toronto East Quadrant Local Immigration Partnership

01/2020 - 08/2020

Toronto, Canada

Achievements/Tasks

- Responsible for evolving system design and building new features, fixing bugs, and creating automated unit tests as part of a deployment pipeline in an agile environment
- Updated the existing Newcomer Insight Collaborative web platform that is used by 50+ partner agencies
- Designed and built an SFTP server to transfer private files with sensitive data
- Worked with various relational and non-relational databases to analyze newcomer support agency data
- Had weekly stand-up meetings to allocate tasks and discuss project deliverable with the development team and clients

PROJECTS

Fanlinc App Development (SOFTWARE ENGINEERING) (10/2019 - 12/2019)

- Developed a social networking web application that focuses on fans' community to forge meaningful relationships between people who share the same interests
- Generated user stories and UML diagrams with the team and did difficulty measurements on each task
- Used Spring Boot framework to increase productivity and minimize configuration
- Collaborated with 5 other teammates to brainstorm and develop features including blog posting and events arranging with a human-centered approach

MyBnB App Development (DATABASE DESIGN) (07/2019 - 08/2019)

- Simulated the Airbnb system that allows users to create and modify accounts, make listings, bookings, and perform searching with filters
- Drew ER diagram to help us reduce redundancy and maintain data integrity when designing relational schemas
- Had meetings every week to allocate tasks and document sprint progress using Jira