Jessica Zhang

2A Computer Engineering | z963zhan@uwaterloo.ca | linkedin.com/in/jesszhz | github.com/jesszhz

TECHNICAL SKILLS

Languages	JavaScript, TypeScript, Java, Python, C++, CSS/HTML
Tools	AngularJS, Angular Spring Boot, Jest, Git, JIRA, Eclipse, NetBeans, TestRail, MongoDB, PostgreSQL

EXPERIENCE

Web Application Developer | Dejero   May 2021 - Aug 2021

- Developed a software management page on the web portal to schedule remote software downloads for the signal receiver using AngularJS
- Achieved a > 96% test coverage using the Jest framework to ensure code reusability, reliability, and performance

Fullstack Developer | TD UGO   Sep 2020 - Dec 2020

- Implemented features, pages, and headed accessibility requirements for an aggressive web portal project (ideation to shipment in 5 weeks) using the Bootstrap library and Angular7 framework
- Built service calls for a mobile app proof of concept with 25% profit margin using Java and Spring Boot and deployed to AWS Elastic Beanstalk

QA Intern | Q4 Inc   Jan 2020 - Apr 2020

- Developed data testing scripts using Python to verify EL and ETL processes for new AWS Snowflake data warehouse
- Optimized previously developed automation scripts to reduce execution time by 70% through implementing multithreading with the Python concurrent.futures module
- Tested JIRA tickets and identified bugs/defects in an Agile development cycle to ensure the quality of application

LEADERSHIP

Co-Director | Hack the North   Mar 2020 - Jan 2021

- Coordinated a team of 40 students to execute North America's largest collegiate hackathon
- Established the vision and strategy for the first hybrid iteration of the event, reaching over 3000+ students worldwide

Logistics Organizer | Hack the North   Mar 2020 - Jan 2021

- Orchestrated opening and closing ceremonies streamed live to over 3000 viewers and 48 countries around the world through leading a project squad of 5 members
- Spearheaded the selection and implementation of Discord and Hopin as the event platforms to deliver a world class experience at Hack the North's first ever virtual hackathon

EDUCATION

University of Waterloo   2019-2024 (Expected)

Candidate for Bachelor of Applied Science, Computer Engineering