

Kyle Jang

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EDUCATION

University of Toronto

HBSc in Computer Science, Minor in Statistics

Toronto, ON

Sep. 2017 – Apr. 2022

EXPERIENCE

Software Engineer

Capital One

May 2021 – Aug. 2021

Toronto, ON

- Developed a self-service portal with Node.js and React.js to create credit card test accounts which reduced testing effort by 50%
- Built a cloud infrastructure for the self-service portal with AWS EC2 and Elastic Load Balancing
- Created a CI/CD pipeline for the self-service portal using Jenkins and Docker

Software Developer in Test

Caseware International Inc.

May 2020 – Apr. 2021

Toronto, ON

- Developed Python scripts that reduced the time needed for test data preparation by 70%
- Developed JavaScript and JMeter scripts to carry out load testing for API endpoints which helped identify major performance issues
- Created a COM API test suite with C which resulted in the deprecation of an old API test suite and reduced the amount of maintenance required for the desktop application
- Created scripts for UI automation testing with Java that reduced testing time by 60%

PROJECTS

Workout Journal

May 2020 – Dec. 2020

- Developed a workout journal app using Node.js, React Native, and local MongoDB that lets users log their workouts and track their progress
- Features include an add workout function, a rest timer, and a chart to track progress

Online Assessment Platform

Jan. 2020 – Apr. 2020

- Created an online assessment platform using Node.js, React.js, and MongoDB that allows teachers to gauge their students' participation and material comprehension
- Features include a course manager, an attendance tracker, and a quiz maker
- Worked in a team of seven using Git and followed Scrum procedures

TECHNICAL SKILLS

Languages: Java, Python, JavaScript, HTML, CSS, SQL

Frameworks: React Native, RESTful, React.js

Technologies: MySQL, MongoDB, Git, Jira, Eclipse, Node.js, AWS (EC2, Elastic Load Balancer), Jenkins, Docker