Kyle Jang

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WORK EXPERIENCE

Capital One   **May 2021–Aug 2021**
Software Engineer

- Developed a self-service portal with Node.js and React.js that allows employees to request credit card test accounts to be created
- 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

CaseWare International Inc.   **May 2020–Apr 2021**
Software Developer in Test

- Developed Python scripts that increased the efficiency of the team by reducing the time needed for test data preparation
- 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

EDUCATION

University of Toronto   **Sep 2017–Apr 2022**
HBSc, Computer Science Major, Statistics Minor, Sociology Minor

TECHNOLOGIES AND LANGUAGES

- 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
- Other: Data structures and Algorithms, Software Design Patterns, Agile, SCRUM

PROJECTS

Workout Journal   **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   **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