NEEL ISMAIL

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EXPERIENCE

Incoming Software Developer

Fidelity Investments   January 2021 - April 2021

QA Automation Engineer

Fidelity Investments   May 2020 - August 2020

- Developed test suites using **Katalon** and **Apache Groovy** that **automated UI testing for over 25% of transaction types** in a new trade processing tool used daily in back-office operations
- Rewrote automated regression tests for a client-facing tool after discovering gaps and inaccuracies in existing coverage; **updates revealed tool was outdated and initiated redevelopment**
- Worked in agile environment and utilized tools such as **Jira and Confluence** to manage tasks and document progress

PERSONAL PROJECTS

Your Space

- Developed a micro-blogging social media web application using **React, Express.js, and MongoDB**
- Created a familiar experience through features such as account registration, multi-media posting, feeds, and search

Smart Brain

- Built a responsive, mobile-friendly web application that can detect faces within images using **React, Express.js, Postrgres, and a Clarifai API**
- Incorporated a user registration and login system as well as a feature to track how many photos have been checked on the platform

Settlers of Catan

- Developed a Waterloo-inspired version of the popular board game using **C++**
- Employed object-oriented programming principles such as **inheritance, polymoriphism, abstraction, and encapsulation** and implemented an **Observer design pattern**

EDUCATION

University of Waterloo

Candidate for Bachelor of Computer Science
September 2019 to Present

Relevant Coursework: Designing Functional Programs, Elementary Algorithm Design & Data Abstraction, Object Oriented Software Development, Logic and Computation

SKILLS

Languages: JavaScript, C/C++, Java, Python, R

Libraries & Frameworks: React, Node.js, Express, MongoDB, Selenium

Tools: Git, Jenkins, Postman, Katalon

LEADERSHIP

Sponsorship & Fundrasing Coordinator

University of Waterloo Varsity Squash Team

- Commit 15+ hours every week for training and competition
- Create annual budget and organize fundraising events to support training, equipment, and travel expenses for the season

Technology Contributor

Waterloo Business Review

- Write articles analyzing technological trends, emerging technologies, and breaking news in the technology industry

AWARDS

- Ontario University Athletics Varsity Squash **Rookie of the Year** (2020)
- University of Waterloo **President's Academic Honour Roll** (2020)
- University of Waterloo **President's Scholarship of Distinction** (2019)
- **Member of Team Canada** at the Pan-American Junior Squash Championships (2019)