Kritin Kapoor

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EDUCATION

University of Waterloo   Waterloo, ON
Bachelor of Arts, Economics and Business   *Expected Aug 2021*

Relevant Coursework: Marketing Strategy, Econometric Analysis, Statistics, Business Finance, Market Failure, Labor Economics, Game Theory, Object Oriented Programming, Data Structures and Algorithms

Selected Projects
- Empirical Paper on Self-Employment in Canada— Developed OLS regression model to determine impact of factors such as education, industry, and income levels on self-employment in Canada
- Covid-19 Predictive Model— Developed a model using R for Covid-19 cases in Ontario to predict and compare future cases under different sets of imposed restrictions

WORK EXPERIENCE

Interac Corp   Toronto, ON
Software Developer Intern   *Jan 2019 – Apr 2019*
- Created a cross-platform mobile application using React Native for iOS and Android enabling users to conduct routine banking activities, such as auto-deposit and e-transfers.
- Developed additional capabilities such as QR-code scanning, bulk disbursements and proximity-based e-transfers that allows businesses to send and receive payments in real-time.

Telus Health   Cambridge, ON
Software Developer in Test   *Jan 2018 – Aug 2018*
- Developed over 200 new test cases using C# and Python to conduct smoke and regression tests on a web based EMR application that allows physicians to track and process patient data.
- Helped maintain, fix and update over 100 older test cases that were obsolete and redeveloped them using Python to ensure compatibility with newer product versions.
- Reviewed test case scripts for multiple Electronic Medical Record applications in Java, C# and Python to ensure consistent coding standards.

AudienceView   Toronto, ON
QA Developer   *May 2017 – Sep 2017*
- Created test plans and developed automation scripts using JavaScript to conduct smoke and regression tests on multiple ticketing, marketing and fundraising applications to enhance user experience.
- Set up UI automation testing capability for web and desktop applications to replace manual testing, enabling a faster product development process.

University of Waterloo   Waterloo, ON
Waterloo Engineering Endowment Fund Teaching Assistant   *Sep 2016 – Dec 2016*
- Worked with professors to design assignments, projects, and test cases for undergraduate object-oriented programming course in Computer Engineering
- Created and delivered weekly C++ tutorials and labs for first-year students.
- Developed Python test scripts to test student C++ assignments and projects to ensure test conditions were being fulfilled.

ADDITIONAL INFORMATION

Programming Languages: R, C/C++, Python, SQL, C#, Java, JavaScript, MATLAB, CSS, HTML, ARM, VHDL
Frameworks and Tools: Node.js, React Native, Selenium, Ranorex, Android Studio, WebdriverIO, Jira, Jenkins
Interests: Drums, Soccer, Sports Analytics