Kritin Kapoor

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SKILLS

PROGRAMMING LANGUAGES

R • C++ • Java • JavaScript
TypeScript • Python • C#
LateX • Matlab • C • CSS
HTML • ARM • VHDL

FRAMEWORKS/TOOLS

Node.js • React Native • Selenium
.NET • Ranorex • Android Studio
RStudio • WebdriverIO • Git
JIRA • Jenkins

EDUCATION

UNIVERSITY OF WATERLOO

BA in Economics and Business
Expected 2021 | Waterloo, ON

LINKS

Personal Website:// **kritinkapoor**
Github:// **kritinkapoor**
LinkedIn:// **kritinkapoor**

COURSEWORK

UNDERGRADUATE

Embedded Microprocessor Systems
Operating Systems
Object Oriented Programming
Digital Signal Processing and MIDI
Microeconomics
Macroeconomics
Marketing Strategy
Econometric Analysis
Statistics
Market Economics
Game Theory

AWARDS

President's Scholarship, University of
Waterloo 2015

EXPERIENCE

INTERAC CORP | Software Developer

January 2019 - April 2019 | Toronto, ON

- Created a cross-platform mobile application for iOS and Android using React Native that emulates the working of a mobile banking application capable of sending e-transfers, creating new accounts, tracking bank account activity, qr-code scanning and enabling auto-deposit.
- Worked on developing proximity based e-transfers for the mobile application

TELUS HEALTH | Software Developer in Test

January 2018 - August 2018 | Waterloo, ON

- Developed over 200 new test cases using C# for the Ranorex framework to carry out Smoke and Regression tests on the Medesync Application
- Developed test cases using Python for the Selenium framework to carry out Smoke and Regression tests on Medesync Application
- Helped maintain, fix and update over 100 older test cases that were obsolete and redeveloped them using Python for Selenium
- Performed code reviews for test case scripts for 3 different Electronic Medical Record applications

AUDIENCEVIEW | QA Developer

May 2017– Aug 2017 | Toronto, ON

- Created test plans and developed automation scripts using JavaScript for ticketing and e-commerce platform
- Executed automation using the Webdriver.io and Selenium frameworks
- Assisted developers with logging bugs and maintaining documentation in Jira

UNIVERSITY OF WATERLOO | WEEF Teaching Assistant

September 2016 - December 2016 | Waterloo, ON

- Developed Python scripts to test C++ code
- Designed assignments, projects and test cases for C++ programming course
- Created and delivered C++ tutorials and labs for first year students
- Enhanced team work and communication skills by working with five fellow TA's in a fast paced environment and under strict deadlines

PROJECTS

COVID-19 PREDICTIVE MODEL

October 2020 – November 2020 | Waterloo, ON

- Developed a model using R for Covid-19 cases in Ontario to predict and compare future cases under different sets of imposed restrictions.
- Created a quartic regression model using cross-sectional time-series data

ANDROID GPS APPLICATION

May 2016 – August 2016 | Waterloo, ON

- Developed GPS App for Android using Java
- Implemented concept of finite state machines to determine steps taken and filtered raw data using low/high pass filters