KEROS RODRIGUES

(647) 986-5763 | keroshrod@gmail.com | 1027 Victoria Park Ave. Toronto, ON M4B2J7

Objective:

To secure employment that will provide a challenging opportunity, while I pursue my post-secondary education.

Summary of Skills:

- Able to work independently or as a team with little instructions or supervision
- Python, Java, Hadoop, SQL, C, C++, HTML, CSS, JavaScript, React.js, Racket, Visual BASIC, Verilog
- Experience in the full software development lifecycle and working in an Agile environment

EDUCATION:

Sept. 2015 - Present **Honours Bachelor of Science, Computer Science Specialist (GPA: 3.0)**

University of Toronto, Toronto, ON

- Focuses in Artificial Intelligence and Computer Vision
- Relevant Coursework:
  - Machine Learning and Data Mining, Intro to Artificial Intelligence, Statistics

WORK EXPERIENCE:

Jan 2018 - Present **Teaching Assistant – Computer Science Course Help Centre,** University of Toronto

- Provide academic assistance with computer science courses to undergraduate students

Sept 2017 - Present **Software/Hardware Developer – Wheeler Microfluidics Lab,** University of Toronto

- Aid in the development of the open source software MicroDrop

Sept 2017 - Present **First-Year Learning Community (FLC) Peer Mentor,** University of Toronto

- Facilitate and plan mentoring sessions for first year Computer Science students

May 2017 - Aug 2017 **Developer – Fraud IT,** Royal Bank of Canada

- Researched, designed, and implemented a scalable application (Shared Intelligence)
- Worked with corporate clients to develop an application that suited their specifications
- Collaborated closely with other team members to plan, design, and develop robust solutions
- Aided in deploying the application into production

VOLUNTEER EXPERIENCE:

May 2017 – Dec 2017 **Volunteer Mentor,** Ladies Learning Code

- Facilitate Python, HTML, CSS, and JavaScript workshops

PROJECTS:

May 2017 - Aug 2017 **Shared Intelligence Web Application,** Royal Bank of Canada

- Used by RBC fraud officers to extract, analyze, retrieve, and index financial crime history
- Planned and developed the front-end interface, REST APIs, and a few back-end APIs using React.js, Spring Boot, and Java
- Worked with Big Data technologies (Solr and NiFi)

Sept 2017 - Present **Machine learning projects**

- Implemented several machine learning algorithms from scratch including neural networks, k-NN, SVMs, Bayesian classifiers, logistic & linear regression on various data sets
- Applied models to various problems and data sets including price prediction and image recognition

REFERENCES:

Available upon request