Erfan Kashani

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Highlight of Qualifications

➢ Familiar with classical Machine Learning algorithms including **logistic regression**, **Linear Regression**, **SVM**, **Naive-Bayes**, **KNN**, **KMeans**, **Decision Tree/ Random Forest**.

➢ Practiced techniques related to **Reinforcement Learning**, **NLP**, and **Deep Learning** using **Keras** and **Tensor Flow**.

➢ Trained **ANN** Deep Learning model to predict heart disease on patients by 83% accuracy on the test set.

➢ Won 1st place in Ryerson Engineering competition, Innovative forward-thinker and effective team player.

➢ Winner of OSMS scholarship by pursuing management science specialization and demonstrating leadership.

➢ Strong business background by managing a store of 30 associates and driving over $250K in sales per month.

Relevant Experience

Architectural Science Fabrication Lab | Control System Designer   **May 2018-September 2018**

➢ Contributed in designing, prototyping, and building IoT lab equipment using sensors, microprocessors.

➢ Designed the circuit for a closed loop PID control-system used in environmental chamber, precisely controlled AC and DC voltage.

➢ Developed $10k worth of lab equipment for under $5k with added IoT functionality.

IEEE Ryerson University Chapter | Python Workshop   **January 2018-March 2018**

➢ Developed a software to analyse tweets of the current US President and predicted stock market values.

➢ Explored the fundamental aspects of python, data analysis, sentiment analysis and natural language processing.

IEEE Computer Society Ryerson Chapter | Cloud Computing Workshop   **November 2018-Dec 2018**

➢ Prototyped a responsive telegram chatbot and deployed on Microsoft Azure using C#.

➢ Performed API calls on Azure's Artificial Intelligence models for face recognition and image processes.

Competitions

IOT Design Competition | Ryerson University   **March 2018**

➢ Pitched the idea of creating a cloud system which connects patients to the doctors across the world.

➢ Developed a portable testing module using C++ to perform basic health assessments.

Ryerson Engineering Competition | Junior Design | Ryerson University   **November 2017**

➢ Designed and prototyped a mechanical hand to assist an aerospace factory during the power outage.

➢ Attained the 1st place among 24 groups and entered the provincial engineering competition as the result

RU-Hacks | Ryerson University   **September 2017**

➢ Collaborated in a team of 5 to develop a software which interacts and practises math skills with children.

➢ Contributed in programming for Alexa Skills Kit SDK using Python and JavaScript on Amazon Web Services.

Education

Bachelor of Computer Engineering, Specialized in Management Science | CGPA: 3.83/4.33   **April 2020**

Ryerson University – Toronto, ON

➢ Dean's List: 2016-17, 2017-18

➢ Relevant coursework: Algorithms and Data structures, Object Oriented Design, Microprocessor Systems.

Machine Learning A-Z: Hands-On Python and R Data Science Training   **February 2019**

Udemy

➢ Relevant coursework: Regression, Classification, Clustering, Reinforcement Learning, NLP, Deep learning.