Rui Li

✉ ruili4@cmail.carleton.ca · ☎ 613-277-1820 · in ruili

🎓 Education

Carleton University, Ottawa, Canada   Sept. 2018 – Now

M.C.S with Specialization in Data Science, expected graduate in May 2020
Relevant Coursework: Machine Learning, Deep Learning and Reinforcement Learning, Data Science Seminar.

Carleton University, Ottawa, Canada   2014 – 2018

B.C.S. Honours with Distinction

🎓 Academic Experience

Carleton University, Ottawa, Canada   Sept. 2018 – Now

Research Assistant   Supervisor: Tony White

Research Interest: Graph convolutional networks

Carleton University, Ottawa, Canada   Jul. 2016 – Now

Teaching Assistant

Courses that I have been a Teaching Assistant for include: Introduction to Computer Science II, Abstract Data Types and Algorithms, Discrete Structures II, and Neural Network.

⚙ Technical Skills

- Programming Language: Python == Java > Javascript > C++ > Bash
- Library: Tensorflow, Numpy, Pandas, Sklearn, Keras, Spark
- Software: Git, Linux(Ubuntu), LaTeX

⚙ Other Experience

Espial Group, Ottawa   Jan. 2017 – Aug. 2017

Coop Software Developer

Developed UI automation test scripts and automated the nightly build deployment process.

Corsa Technology, Ottawa   Sept. 2016 – Dec. 2016

Coop Software Developer

Developed Python scripts to automate sanity tests.

👥 Engineering Project

Facial Age and Gender Estimation   Mar. 2018

Designed, built and trained the convolutional neural network model to classify facial images

Local Search Engine   Feb. 2018

In this project, I developed a web crawler and a document analyzer to parse and rate web content. The page rank algorithm is implemented to prevent spam. Services are provided to client through RESTful APIs.

👥 Research Project

Connection between Adversarial Training and Regularization   Dec. 2018

In this project, we explored adversarial training from the generalization perspective to find the connection between adversarial training and regularization.

♡ Honors and Awards

Departmental Admission Scholarship	Sept. 2018

i Extra-curricular

Volunteer and Exhibitor of Canada-Wide Science Fair 2018	May 2018