

Yuchen Wang

Mobile : +1 (647)-673-1596

Email : raina.wang@mail.utoronto.ca

EDUCATION

- **University of Toronto** Toronro, ON, Canada
H.B.Sc. Specialist in Computer Science & Data Science *Sep. 2017 – present*
 - **cumulative GPA:** 4.00 / 4.00
 - **Focus:** Machine Learning, Statistics, Mathematics
- **Xi'an Tieyi High School** Xi'an, Shannxi, China
Sep. 2014 – Jun. 2017

RESEARCH EXPERIENCE

- **University Health Networks** University of Toronto
Undergraduate Research Student *May 2019 - present*
- **Project 1:** Post-Transplant Complication Mortality Prediction Using Deep Learning from Longitudinal Electronic Health Records Data
 - **Supervisors:** Prof. Bo Wang and Dr Mamatha Bhat
 - **Focus:** Deep learning, AI healthcare, statistical analysis, data analytics
 - **Status:** In the progress of submitting to the journal JAMA
- **Project 2:** Single Cell Trajectory Inference using Deep Learning
 - **Supervisor:** Prof. Bo Wang
 - **Focus:** Deep learning, unsupervised learning, single cell, trajectory inference

OTHER WORK EXPERIENCE

- **DHC Software Co. Ltd** Xi'an, Shannxi, China
Web Development Intern *May 2018 - July 2018*
 - **Project:** Office Automation system for Shannxi Yanchang Petrolium
 - **Responsibilities:** Managed the Oracle database for an Office Automation system using SQL queries; Communicated with users to report defects

PROGRAMMING SKILLS

- **Proficient Languages:** Python (PyTorch, Tensorflow, Numpy, Pandas), C, R **Familiar:** MatLab, Java
- **Technologies:** L^AT_EX, Javascript, HTML, CSS, SQL, bash

CAMPUS ACTIVITIES

- **University of Toronto Machine Intelligence Student Team** University of Toronto
Public Relation Director *Nov 2018 - May 2019*
 - **Responsibilities:** Reached out to student clubs and organizations to seek collaboration opportunities

HONORS AND AWARDS

- **The Dorothy Walters Scholarship** 2019 Fall, Woodsworth College, University of Toronto
- **2019 Winter - Dean's List Scholar** 2019 Winter, University of Toronto
- **2018 Winter - Dean's List Scholar** 2018 Winter, University of Toronto

REFERENCES

- **Professor Bo Wang** University of Toronto
Assistant Professor, Faculty of Medicine; Faculty Member, Vector Institute *bowang@vectorinstitute.ai*
- **Dr Mamatha Bhat** Toronto General Hospital Research Institute (TGHRI)
Affiliate Scientist *Mamatha.Bhat@uhn.ca*