Jing Li

jliellen@yorku.ca | LinkedIn | GitHub | Website

EDUCATION

York University   Toronto, Canada
Master student in Computer Science   *Sept 2021 – Expected 2023*

York University   Toronto, Canada
Bachelor of Arts in Computer Science   *May 2018 – May 2021*

- Cumulative GPA 8.6/9
- Relevant courses: Machine Learning, Data Mining, Neural Networks and Deep Learning

TECHNICAL SKILLS

Programming: Python (Pandas, NumPy, Scikit-Learn, Matplotlib, beginner of PyTorch)
Relevant skills: Data analysis, Data cleaning, Data Visualization, Data-driven decision making
Relevant certificate: Google Data Analytics

WORK EXPERIENCE

Research Assistant   Apr 2020 – Present
Data Mining Lab   *Toronto, Canada*

- Conducted research in the project of Epidemic Dynamics in Trajectory Networks
- Reviewed relevant literature on epidemic models and machine learning approaches to epidemiological modeling
- Developed the novel computational model for predicting infection risk of individuals based on mobility data; Simulated the disease spread within a community; Evaluated and assessed different disease containment strategies
- Provided a live oral presentation at 2020 Lassonde Undergraduate Summer Student Research Conference (online)
- The **publication**: Tilemachos Pechlivanoglou, **Jing Li**, Jialin Sun, Farzaneh Heidari, and Manos Papagelis. 2022. Epidemic Spreading in Trajectory Networks. Big Data Research 27 (2022), 100275

Teaching Assistant   Sept 2021 – Present
Lassonde School of Engineering   *Toronto, Canada*

- Passionate in supporting students learning; Marks students' labs, tests and exams at an efficient amount of pace
- Courses TA-ed for: EECS3311 Software Design, EECS4414 Information Networks

Junior Financial Controller   Apr. 2016 – Apr. 2018
China International Capital Corporation   *Beijing, China*

- Reported monthly financial statements; Assisted in financial budgeting and financial forecasting
- Increased overall accuracy and productivity in reporting by writing scripts for data extraction and preprocessing

HONORS & AWARDS

- 2021-22 Vector Scholarship in AI Recipient
- Lassonde Graduate Entrance Scholarship
- York Continuing Student Scholarship Recipient
- Merei Family Scholarship Recipient

OTHERS

Project: DegreeMap | *Python, JavaScript, HTML/CSS*   Feb. 2019 – Mar. 2019

- Developed and implemented a web application that provides enrollment guidance to students
- Implemented a web data scraper extracting course information from York University web pages
- Finished the functionalities for Computer Science major and Software Engineering major