

Yanna Ding

AFFILIATION	Department of Computer Science and Department of Mathematics University of Toronto 10 King's College Road Toronto, Ontario M5S 3G4, Canada		
EDUCATION	University of Toronto , Toronto, Ontario, Canada		
	◇ Honours Bachelor of Science in Computer Science and Mathematics GPA: 3.97/4.0 Expected Graduation: June 2021		
PROMINENT COURSEWORK	Introduction to Combinatorics (<i>Grade: A+</i>)	2020 Winter	
	Software Tools and Systems Programming (<i>Grade: A+</i>)	2019 Fall	
	Introduction to Number Theory (<i>Grade: A+</i>)	2019 Fall	
	Complex Variables (<i>Grade: A+</i>)	2019 Summer	
	Computer Organization (<i>Grade: A+</i>)	2019 Winter	
	Introduction to Ordinary Differential Equations (<i>Grade: A+</i>)	2019 Winter	
	Calculus II (<i>Grade: A+</i>)	2019 Winter	
	Linear Algebra II (<i>Grade: A+</i>)	2018 Fall	
	Concepts in Abstract Mathematics (<i>Grade: A+</i>)	2018 Fall	
	Introduction to Computer Science (<i>Grade: A+</i>)	2018 Summer	
	Mathematical Expression and Reasoning for Computer Science (<i>Grade: A+</i>)	2018 Summer	
	Modern Standard Korean I (<i>Grade: A+</i>)	2018 Summer	
	Principles of Macroeconomics (<i>Grade: A+</i>)	2018 Winter	
	Linear Algebra I (<i>Grade: A+</i>)	2018 Winter	
	Introduction to Psychology (<i>Grade: A+</i>)	2018 Winter	
	Principles of Microeconomics (<i>Grade: A+</i>)	2017 Fall	
HONOURS AND AWARDS	◇ Mitacs Research Training Award	2020	
	◇ Department of Computer Science Undergraduate Research Award , University of Toronto	2020	
	◇ Admission Scholarships , University of Toronto	2017	
	◇ Dean's List Scholar , Faculty of Arts and Science, University of Toronto	2018, 2019	
	◇ The Chancellor's Scholarship for high academic achievement, St. Hilda's Fund	2019, 2020	
RESEARCH EXPERIENCE	◇ Social Network Analysis on Stigmatizing Tweets Related to COVID-19 (with Prof. Syed Ishtiaque Ahmed, University of Toronto)	2020.05 - present	
	Collected and maintained a dataset of 650+ million tweets. Accomplished statistical analysis on stigmatizing tweets, including calculating correlation between proportion of stigmatizing tweets and political status of states in North America. Constructed a network of hashtags and a retweet network of Twitter users, using Python and Gephi, to find influential hashtags and Twitter users in the networks, respectively.		

◇ **Inter-rater Reliability App Implementation (with Prof. Priyank Chandra, University of Toronto)**

2020.05 - 2020.09

Worked on the algorithms that calculate the degree of agreement among different raters. Implemented a standalone app that computes various inter-coder reliability statistics (e.g., Fleiss' Kappa) using ElectronJS and React.

SKILLS

- ◇ Programming in C, python, L^AT_EX and java.
- ◇ Speaking English, Mandarin and Korean.
- ◇ Obtained 10th Grade Certificate issued by the Music Examination Committee of the Chinese Musicians' Association (piano).