

Zehui Yin

Undergraduate Student and Research Assistant at University of Toronto Scarborough
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🆔 0000-0001-6954-7918 🌐 [zehuiyin.github.io](https://github.com/zehuiyin) | Updated: 22 Nov 2022

Education

University of Toronto Scarborough, HBA 09/2020 - Present

Major in Economics for Management Studies
Minor in Geographic Information Science & Applied Statistics
Cumulative GPA: 3.96 out of 4

Honours & Awards

University of Toronto Scarborough Dean's List 2021, 2022

Annual GPA equal to or greater than 3.5 in the previous academic year

University of Toronto Scholar 2021

C\$1500 scholarship for top 20 students in the previous academic year

Research Experiences

Research Assistant 11/2022 - Present

Project: "Newcomers' accessibility to agencies"
Program: [Suburban Mobilities Cluster](#)
Supervised by: [Dr. Steven Farber](#), [Dr. Andre Cire](#), and [Dr. Ignacio Tiznado-Aitken](#)

Research Assistant (Volunteer) 05/2022 - 08/2022

Project 1: "Transit and Shared E-scooter Integration: Travel Behavior Insights from Los Angeles and Washington D.C."
Project 2: "Survey of Evacuation Behavior in the 2021 Marshall Fire, Colorado"
Project 3: "Digital twin with real-time transit data: UF campus with RTS"
Supervised by: [Dr. Xiang 'Jacob' Yan](#)

Publications & Reports

Forrister, A., Yan, X., Yin, Z., Zhao, X., Cova, T., Lovreglio, R., Nilsson, D., & Kuligowski, E. (2022). Survey of Evacuation Behavior in the 2021 Marshall Fire, Colorado. *Natural Hazards Center Quick Response Grant Report Series*, 349. Boulder, CO: Natural Hazards Center, University of Colorado Boulder. Available at: <https://hazards.colorado.edu/quick-response-report/survey-of-evacuation-behavior-in-the-2021-marshall-fire-colorado>

Certificates

Bayesian Statistics , Coursera	07/2021
Linear Regression and Modeling , Coursera	06/2021
Inferential Statistics , Coursera	06/2021
Welcome to Game Theory (with Honours) , Coursera	05/2021
Introduction to Probability and Data with R , Coursera	05/2021

Languages

Mandarin Chinese: Native Language
English: Full Professional Proficiency

Research Interests

Spatial & Temporal Data Analysis
Econometrics
Cartography & Data Visualization
Programming & Automation
Transit & Transportation Equality

Computational Methods & Data Science Training

MGE12: Quantitative Methods in Economics II
GGRC42: Making Sense of Data: Applied Multivariate Analysis
MATA32/33: Calculus for Management I/II
STAB22: Statistics I
CSCA20: Introduction to Programming (Python)

University of Toronto Scarborough

Programming Language & Software

Proficient: R, ArcGIS, Markdown, Python, SQL, QGIS, Microsoft Office suite
Working experience: VBA, HTML, MATLAB, GitHub, \LaTeX