Zehui Yin

Undergraduate Student and Research Assistant at University of Toronto Scarborough
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Education

University of Toronto Scarborough, HBA   9/2020 - 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)   5/2022 - 8/2022

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   7/2021

Linear Regression and Modeling, Coursera   6/2021

Inferential Statistics, Coursera   6/2021

Welcome to Game Theory (with Honours), Coursera   5/2021

Introduction to Probability and Data with R, Coursera   5/2021

Languages

English: Full Professional Proficiency

Mandarin Chinese: Native Language

Research Interests

Spatial & Temporal Data Analysis

Econometrics

Cartography & Data Visualization

Programming & Automation

Transit & Transportation Equality

Computational Methods & Data Science Training

STAC53: Applied Data Collection

MGEB12: 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 Languages & Softwares

Proficient: R, ArcGIS, Markdown, Python, SQL, QGIS, Microsoft Office suite

Working experience: VBA, HTML, MATLAB, GitHub, LaTeX