Zehui Yin

Undergraduate Student and Research Assistant at University of Toronto Scarborough
Toronto, Ontario, Canada

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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   10/2022 - Present

Project: "Newcomers' accessibility to agencies"
Program: Suburban Mobilities Cluster
Supervised by: Andre Cire and 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

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

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 Language & Software

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