

# Zehui Yin

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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: 27 Dec 2022

## Education

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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

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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

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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

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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

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<a href="#">Bayesian Statistics</a> , Coursera	07/2021
<a href="#">Linear Regression and Modeling</a> , Coursera	06/2021
<a href="#">Inferential Statistics</a> , Coursera	06/2021
<a href="#">Welcome to Game Theory (with Honours)</a> , Coursera	05/2021
<a href="#">Introduction to Probability and Data with R</a> , Coursera	05/2021

## Languages

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English: Full Professional Proficiency

Mandarin Chinese: Native Language

## Research Interests

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Spatial & Temporal Data Analysis

Econometrics

Cartography & Data Visualization

Programming & Automation

Transit & Transportation Equality

## Computational Methods & Data Science Training

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*STAC53*: Applied Data Collection

*MGEBI2*: 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

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

Working experience: VBA, HTML, MATLAB, GitHub,  $\text{\LaTeX}$