



# 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

<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

*Mandarin Chinese*: Native Language

*English:* Full Professional Proficiency

## **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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*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**

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