

# Yuze Fu

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## EDUCATION

Honors Bachelor of Science (Coop) — University of Toronto  
Mathematics & Computer Science Specialist (Comprehensive Stream)

[CGPA](#): 4.0 | [University of Toronto Scholar](#) (2023-2024)

## SKILLS

- Programming Languages: C, C++, Python, Java, HTML, CSS, JavaScript, R
- Technologies: Figma, 3D-Modeling (Autodesk), Office Suite
- Development: Data structures and Algorithms for competition, UI/UX design
- Data Analysis: R, tidyverse, ggplot, decision tree, random forest
- Machine Learning: Pandas, KNN (numpy), OpenCV (cv2)
- Awards: Second Prize in National Olympiad in Informatics (NOIP2020)

## PROJECTS

- [MentorU](#) (2024) — Designed a mentorship matching system with Figma through research and usability tests.
- [Data Analysis Project](#) (2024) — Analyzed public research funding data using R, applying variance and bootstrapping techniques.
- [I'MENU](#) (2023) — An app built using Python and JavaScript with OCR and OpenAI integration.
- [Automatic Lawn Sprinkler System](#) (2021) — Designed using machine learning concepts from Intel AI for Youth Express.

## EXPERIENCE

Teaching Assistant, CSCA67: Discrete Math

University of Toronto Scarborough (Sept 2024 – Dec 2024)

- Conducted tutorials and office hours, assisting with grading and providing student feedback.

R&D Director, Computer Science Enrichment Club

University of Toronto Scarborough (Sept 2024 – Dec 2024)

- Formed a research paper reading group on edge technology, hosted monthly meeting and invited professors and industry professionals to give speech.