**Runyu Yue**

**GitHub:** https://github.com/Yry01

**Tel:** +1 8077063516| **Email:** yuerunyu8@163.com

**Address:** 30 Meadowglen PL, Toronto, Ontario M1G0A6

**EDUCATION BACKGROUND**

**University of Toronto-Scarborough**  Scarborough, ON

*Honored Bachelor of Science* Specialist Program in **Computer Science** 09/2020-07/2024

Software Engineering Stream

* **Overall GPA:** 3.68/4.0 **Major GPA:** 3.67/4.0
* **Honors & Awards:** Dean's List for 2020 & 2021 academic years
* **Courses:**

Math-related: Probability Theory, Linear Algebra, Calculus

CS-related: Algorithm, Data Analysis, Script Programming, Python Programming, C Programming, Java Programming, Android Software Development

Business-related: Application of Mathematics in Microeconomics and Macroeconomics, Business Management

**PUBLICATION**

Yue, Runyu. "Exploring the Relationship Between Garlic Intake and the Risk of Getting Different Types of Cancer." Highlights in Science, Engineering and Technology 36 (2023): 145-153.

**RESEARCH EXPERIENCE**

**Data Analysis with Python**  07/2022-09/2022

Group research, instructed by Prof. Mark Vogelsberger, MIT

*Link:* https://github.com/Yry01/research-projects.git

* Mastered how to develop crawlers for collecting data from the web with Python programming, process data with pandas library, and analyze data with matplotlib library
* Published the paper "Exploring the Relationship Between Garlic Intake and the Risk of Getting Different Types of Cancer" as the first author

**COURSE PROJECTS**

**Game Chat Software Development**  01/2023-05/2023

*Link:* https://github.com/UofT-UTSC-CS-sandbox/project-insomnia.git

* Designed and implemented a web-based virtual social platform with MEAN Stack to provide users with new ways to socialize, interact and collaborate online
* Allowed users to manipulate their characters in a virtual game space and communicate with other users via voice and video

**Online Course Consulting Web Development**  09/2022-11/2022

*Link:* https://github.com/Yry01/c01\_project.git

* Developed an online course information inquiry website for computer science major freshmen at the University of Toronto-Scarborough with MEAN Stack
* Implemented the functions of searching keywords to find the target courses, grading and leaving messages as a reference for future freshmen to select courses, and helping freshmen find the class schedule suitable for their graduation requirements

**Android Software Development for Venue Reservation** 05/2022-09/2022

*Link:* https://github.com/Yry01/b07\_Final\_Project.git

* Learned the development procedure of Android software
* Worked with other team members as the back-end programmer to implement simple software for booking sports venues by using Android Studio and Firebase database

**SKILLS**

**Language Ability:** Mandarin Chinese (Native), English (Proficient)

**Programming Language:** C, Python, Java, JavaScript, Haskell, Racket

**Professional Software & Database:** Android Studio; Firebase, MongoDB

**Standard Test: TOEFL:** 105 **GRE:** 326