JULIANA ZHANG

Toronto, Canada

📞 647-924-8654 ✉ juliana.zhang@mail.utoronto.ca 🔗 linkedin.com/in/juliana-zhang 🐙 github.com/zfjuliana

Education

University of Toronto St. George Campus — Sep. 2022 – May 2026
Honours Bachelor of Science - Computer Science Specialist & Statistics Minor — *Toronto, Ontario*
- cGPA: 3.94/4.00
- Relevant Coursework: Software Design, Data Structures, Computer Organization, Theory of Computation, Software Tools & Systems Programming
- Awards: University of Toronto Entrance Scholarship, 2022-23 Dean's List Scholar

Experience

Samsung Electronics Canada — July 2022 – August 2022
Financial Service Intern — *Mississauga, Ontario*
- Performed data entry and invoice processing tasks to record financial transactions in an accurate manner
- Conducted comprehensive data analysis using Excel VBA to support strategic decision-making
- Explored ways to visualize financial information and deliver performance reports to team members using PowerPoint and Tableau

Mississauga Piano Studios — July 2018 – August 2022
Piano Instructor — *Mississauga, Ontario*
- Delivered piano and music theory lessons in the Royal Conservatory of Music curriculum to students ranging from beginner to intermediate levels
- Organized instructional materials and prepared students for annual concerts or examinations
- Provided detailed updates on student progress to parents and/or guardians, encouraging open communication

Projects

Friendify | *Java, Swing, Spotify Web API* — November 2023
- Developed a friend-matching software based on similarities in music playlists using Java and the Spotify Web API
- Utilized Swing to create an UI that supports actions such as creating an account, logging in, editing profiles, authorization, and sending/accepting friend requests
- Adhered to software design principles, object-oriented programming practices, and Clean Architecture to create a system that is easily extensible
- Collaborated with team members using version control systems such as Git to organize modifications and assign tasks

Film Recommendation System | *Python, Tkinter* — March 2023
- Designed a movie recommendation system using a collaborative filtering engine fed with data from over 270,000 real-world movie reviews
- Ultilized the Tkinter library to create a GUI for managing user actions and displaying recommendation results
- Applied various data structures, such as graphs, trees, and linked lists

GalaxyZoo Capstone Project | *R* — March 2023
- Investigated properties of galaxies using a statistical approach based on data from GalaxyZoo
- Conducted data cleaning, hypothesis testing, and linear regression models in R

Technical Skills

Languages: Python, Java, C, HTML/CSS/JavaScript
Tools: LaTeX, MS Office, SAP ERP
Technologies/Frameworks: GitHub, JUnit, Jupyter Notebook

Leadership / Extracurricular

- Google Developer Student Club
- Women in Computer Science
- UofT AI
- Ontario Universities Fair Volunteer
- Volunteer Note-Taker for Accessibility Services
- Marketing/Events Director of Only Human Dance Company