Kazi Takia Talha

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EDUCATION

University of Toronto Mississauga   Sept. 2022 – June 2027 (expected)

Honours in Bachelors of Science (H.Bsc.), Computer Science , Mathematics and Linguistics + (PEY Co-op)

Relevant courses: Introduction to Computer Science(Python), Software Design(Java), Introduction to Theory of Computation, Computer Organization(RISC-V)

TECHNICAL SKILLS

- Programming: C++, C, Python, Java, R, RISC-V Assembly
- Professional Skills: team player, problem solver, effective communicator
- Other: GIT, Microsoft Office

PROJECTS

ML Developer, NucleAIse , U of T Machine Intelligence Student Team   Sep 2023 - Present

- Worked in a group of 8 to develop a ML model to predict protein function from protein sequences
- Collaborated using GIT & Notion, learning effective design & communication skills for large-scale ML development projects
- Implemented a baseline model such as SVM to allow the team to understand possible features to be engineered from protein structure, sequence, or protein-protein relationships

Team Member, JavaFx Project, U of T   Sep 2023 - Present

- Managed a project with team of 4 students to implement features, apply design patterns and employ scrum/agile methodologies
- Effectively allocated work within the group using a Git and maintained effective communication within the team
- Implemented accessibility features in the domain of Adventure Game

Assembly Project, U of T   Sep 2023 - Present

- Developed a simulation game using RISC-V Assembly language
- Gained Insights about computer architecture e.g. how the CPU works, including registers, memory, and the stack.

EXTRACURRICULAR & VOLUNTEER ACTIVITIES

Website Manager, UTM MSA   May 2023 - Present

- Worked closely with club members to curate and publish relevant content, ensuring it aligned with the club's mission and goals
- Oversaw the design, launch, and management of the club's website ensuring user-friendliness and up-to-date content.

Campus Tour Student Ambassador, U of T   Jan 2023 - Apr 2023

- Conducted campus tours for prospective students & their families and provided information about student life, academic programs, campus culture, and other aspects of the university experience.
- Regularly attended training sessions to stay updated on campus developments, admissions processes, and other relevant information

Volunteer Event Co-ordinator, UTM IMACC   Jan 2023 - Apr 2023

- Planned and executed events for other UTM students such as destressing events during midterm season and finals
- Created posters, posts,reels to advertise events on social media platform

AWARDS & ACCOMPLISHMENTS

Dean's Merit Award   June 2023

Scholarship in recognition of achieving over 95% as well as extracurricular participation

UofT International Scholar Award   June 2022

Scholarship in recognition of international students who demonstrate superior academic achievement