Asser **Ismail**

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Education

University of Toronto Mississauga

HONOURS BACHELOR OF SCIENCE (HBSc) *Sep. 2021 - Present*

- Received and successfully renewed UTM Guaranteed Entrance Scholarship, by maintaining a CGPA of 3.7+ in the following academic year.

Technical Skills

Languages:, English, Arabic

Professional:, Adaptability, Team Player, Problem Solving, Effective Communicator

Programming Languages:, Java, Python, HTML, CSS, JS, TS, C and Assembly

Developer Tools:, Git, PyCharm, IntelliJ, Clion, Visual Studio Code

Technologies/Frameworks:, Flask, DigitalOcean, GitHub and ReactJS

Projects

Crewise *UofTHacks*

FLASK, REACTJS, MONGODB & CHAKRAUI *Jan. 2023*

- Developed Crewise, a web application using Flash, React, MongoDB and ChakraUI, for crew members' well-being in a hackathon
- Implemented report system and weekly health checkup feature, with secure data storage and hosting of the website.
- Assisted in generating reports for management to track crew's overall health status.

Remixed UNO *University of Toronto Mississauga*

JAVA & JAVAFX *Dec. 2022*

- Implementing a remixed version of UNO using backend of Java and front end of JavaFx with a team of 4
- Appling functionality of UNO while gaining experience with Java, JavaFx and Git
- Applied 4 design pattern for better organization and planning

Zip & UnZip *University of Toronto Mississauga*

PYTHON *April. 2022*

- Decompress and compress a picture, audio and text using Huffman Algorithm
- Using Huffman Algorithm and Huffman Tree to store data within nodes
- Applying recursive algorithms onto the Huffman Tree to decompress and compress

Work Experience

Recreation, Athletics and Wellness Centre (RAWC) *University of Toronto Mississauga*

LIFEGUARD *July 2022 - Present*

- Supervises swimming activities at the aquatics facility
- Ensures that policies, guidelines, and safety procedures are followed
- Administer first aid in the event of injury

Extracurricular Activity

UofT Software Engineering Club (USEC) *University of Toronto Mississauga*

FULL STACK DEVELOPER & MEDIA EXECUTIVE *July 2022 - Present*

- Illustrating typical software eng. mock interviews to prepare for interviews
- Building a website with a team with the use of Flask, React and MongoDB with the use of GitHub and PyCharm
- Encourages members to learn/improve with most tools, like GitHub, JetBrains IDEs and FrontEnd/BackEnd languages

Honors & Awards

		University of
2022	**Dean's List Scholar**, Maintained 3.50+ CGPA throughout the 2021-2022 academic year	*Toronto Mississauga*