

GOLSA MOMENI

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EDUCATION

Toronto Metropolitan University (formerly Ryerson)

Toronto, ON

Bachelor of Science in Computer Science

CGPA: 3.33/4.33

Relevant Coursework: Introduction to Unix & C, Computer Organization, Data Structures, Operating Systems, Calculus and Computational Methods, Discrete Mathematics, Communication in the Computer Industry

PERSONAL PROJECTS

Money Tracker | MongoDB, React, Node.js, Express.js, HTML, CSS

February 2024

- Developed a full-stack Money Tracker App using MongoDB, Express.js, React.js, and Node.js (MERN stack), enabling users to track their spending, save money, and gain financial insight.
- Implemented features including creating transactions with API endpoints, displaying transactions from a MongoDB database, and displaying balance, providing users with a financial tracking solution.

Weather App | Python, Weather API

February 2024

- Developed an interactive weather application using Python, integrating the OpenWeatherMap API to retrieve real-time weather data based on user-inputted ZIP codes.
- Implemented advanced functionality in the weather application to display temperature, wind speed, and "feels like" conditions, providing users with a detailed overview of the current weather conditions.

Portfolio Website | HTML/CSS

October 2023

- Designed and developed a personalized portfolio website from scratch, employing HTML and CSS, showcasing a collection of personal projects, skills, and achievements.
- Integrated custom CSS styles and animations to enhance the visual appeal and user engagement of the website, resulting in a **50% rise** in user engagement.

Audio App Simulator | Java

April 2023

- Utilized Java to develop an audio app simulator, demonstrating strong problem-solving in managing various types of audio content(songs, audiobooks,podcasts).
- Leveraged OOP to add functionalities to the app such as downloading audio content, creating playlists, and playing songs, contributing to a **40% improvement** in app usability.

Role of ChatGPT in Academia | Python, Excel

May 2023

- Collaborated with a team of 4 to conduct a survey regarding the role of ChatGPT in Academia, showcasing strong communication and analytical skills as well as a strong work ethic.
- Utilized CSV files and the NumPy library in Python to implement bar charts and diagrams to showcase the results of surveys based on categories such as Role in Academia, Program of study, and Year of study.

LICENSES AND CERTIFICATIONS/ACHIEVEMENTS

Linux Fundamentals - Coursera

Introduction to Microsoft Azure Cloud services - Coursera

Google Foundation of Cybersecurity - Coursera

Student Access Guarantee Bursary(Winter 2024)

SKILLS

Languages: Java, Python, C, HTML/CSS, JavaScript, TypeScript, Bash Scripting, SQL

Developer Tools: Docker, Git, Github, IntelliJ IDEA, VS Code, Eclipse, Spyder, Emacs, Vim, PyCharm

Libraries: NumPy, Matplotlib, TensorFlow

Frameworks: Flask, Node.js, React/Angular

INVOLVEMENT/CLUBS

Private Tutor

January 2023 - March 2023

- Assisted twenty students with understanding the principles and fundamentals of Digital System design and Python, resulting in a **35% increase** in their grades.