

Zayed Umer

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TECHNICAL SKILLS

- **Languages:** Python, Java, Bash, Batch, HTML, CSS, LaTeX, Markdown, JavaScript, Git, C, MatLab, Verilog, SQL
- **Technologies:** AutoDesk Inventor, GitHub, Agile Methodologies, Kanban, React, NumPy, TensorFlow, SciKit, Computer Vision, Pandas, PyTorch, VSCode, JetBrains, Eclipse, Jupyter

EXPERIENCE

- **LocoMobi World Inc.**, Mississauga, ON **Software Developer Intern** *May 2023 - August 2023*
 - **Python Development:** Developed Python programs to monitor LocoMobi World devices, implemented client notification systems. Streamlined operations at 100+ client sites.
 - **Quality Assurance:** Created 150+ test cases for company hardware and software, used TestFlight and Agile Methodologies for updates, management and issue tracking. Logged and help solve 200+ hardware and software bugs.
 - **Automation Engineering:** Streamlined tasks on Linux and Windows using bash and batch. Cleaned data on 50+ linux based Raspberry-Pis.
 - **Technical Writing:** Wrote 100s of lines of customer-friendly documentation on hardware module configuration.
- **Spinal Cord Injury Ontario**, Toronto, ON **Data Cleaning Coordinator** *June 2021 - August 2021*
 - **Data Integrity:** Cleaned and managed 200+ donor databases using Raiser's Edge software.

PROJECTS

- **Sign Language AI**
 - Computer vision project in Python for real-time American Sign Language (ASL) character recognition.
 - Utilizes NumPy, Matplotlib, TensorFlow, Pickle, SciKit and OpenCV.
 - Achieved an accuracy score of over 95%.
- **AI Financial Assistant**
 - Chatbot for real-time stock market information using OpenAI, Pandas, YFinance, Matplotlib, and Streamlit.
 - Features real-time stock data, interactive charting, natural language understanding, and a user-friendly interface.
 - Provides up-to-the-minute stock prices, historical data, and key financial statistics for publicly traded companies.
 - Check this project out [here](#).
- **Personal Website**
 - Designed and developed a visually captivating, responsive personal website using HTML5, CSS3, React, and JavaScript.
 - Attracted over 500+ unique visitors, showcasing my web development and design skills.
- **Movie Recommendation Site**
 - Developed a Python web app that recommends similar movies based on user input, leveraging data science and cosine similarity.
 - Utilized Python packages including scikit-learn, pandas, and pickle for efficient data processing and recommendations.
 - Implemented a dynamic user interface to facilitate user-friendly interactions.
 - Check this project out [here](#).

LEADERSHIP

- **AI Society** **McMaster University** *2023 - Present*
- **Student Council** **Albert Campbell CI** *2021-2022*
- **Computing Club** **Albert Campbell CI** *2021 - 2022*
- **Co-President, Stock Market Club** **Albert Campbell CI** *2021 - 2022*

EDUCATION

- **McMaster University** **Hamilton, ON**
Bachelor of Software Engineering
CGPA: 3.7
Relevant Courses: Data Structures and Algorithms, Object Oriented Programming
Dean's List 2023
Expected Graduation: April 2026
- **Albert Campbell CI** **Toronto, ON**
Class Valedictorian
2018 - 2022