Muhammad Muhaimin

📞 647-608-5061 ✉ muhammad.muhaimin@mail.utoronto.ca in muhaiminmemon ⌂ muhaiminmemon

Education

University of Toronto   **Expected Graduation, May 2027**
BBA - Management & Computer Science   *Toronto, Ontario*
- **Relevant Coursework:** *Data Structures & Algorithms, Object-Oriented Programming, Discrete Math, Linear Algebra, Databases & Web Applications*

Technical Skills

Languages: Java, Python, JavaScript, C, C++, C#, HTML, CSS, PowerShell, Node.js, SQL
Developer Tools: Microsoft Azure, VS Code, Git, SailPoint, IntelliJ, Postman, RESTful APIs, AWS, Supabase, Docker
Technologies/Frameworks: SpringBoot, React, PostgreSQL
Network Security Tools: Wireshark, NMap, Metasploit, Bettercap, Veil

Experience

Software Engineer   **September 2024 – December 2024**
DataAnnotation.tech   *Toronto, ON*
- Optimized **Python** code, ensuring performance and efficient data processing for **AI/ML** models
- Ensured code adheres to industry standards and best practices to prevent optimization and maintenance issues
- Initiated **20+** weekly code reviews resulting in increased efficiency and a **98%** code coverage across core modules
- Fine-tuned **AI models** through **prompt engineering** and **hyperparameter optimization**, enhancing accuracy in **sentiment analysis** and data classification

Information Security Analyst   **Jan 2024 – August 2024**
Symcor   *Mississauga, ON*
- Developed a **PowerShell** script leveraging **Microsoft Graph API** to automate creation, analysis, and customization of **400+** Azure access reviews, reducing manual effort by **90%**
- Created **Python-based ETL** process using **Graph API** to optimize acquisition, routing, parsing of **120+ feeds**
- Managed user onboarding, user life cycle and provisioning for **Azure**, **GitLab**, **Active Directory** through **SailPoint**
- Led implementation of **Azure AD Privileged Identity Management (PIM)** and **Role-Based Access Control (RBAC)** roles during large-scale database migration to Azure Cloud

Technical Specialist   **June 2020 – February 2022**
Minuteman Press   *Mississauga, ON*
- Conducted thorough virus and **malware removal** procedures on infected systems, preserving data integrity
- Troubleshot **hardware** and **software** issues in computers, conducting diagnostics to identify and resolve problems
- Built and configured 10+ custom PCs tailored to specific departmental requirements
- Upgraded and replaced laptop components, including **RAM**, **SSDs**, and wireless cards

Projects

Wisp | *Javascript, React, Node.js, Express, Supabase, GPT API, Google Calendar API, Docker, Azure*   **[Demo]**
- Built an AI based Chrome extension using **React**/**Node.js** & **Express** to block distractions based on user calendar
- Integrated **GPT API** with **90%** accuracy in blocking non-relevant content in real-time through fine-tuning
- Utilized **Google OAuth** for authentication and, **Google Calendar API** to sync tasks with browsing behavior
- Built a **Node.js** and **Express** backend **RESTful API** server, capable of handling **10,000+** API requests daily
- Utilized **React** framework, incorporating **React Router** and **React hooks** combined with **Tailwind CSS** to create an intuitive dashboard for an effective front-end app

AI Bookmark Manager | *TensorFlow, scikit-learn, Pandas, BeautifulSoup, Docker, Azure, Hugging Face*   **[GitHub]**
- Developed an AI Extension for **NLP** bookmark categorization using a fine-tuned **BERT** model with **87%** accuracy
- Collected and preprocessed a dataset of categorized bookmarks through web scraping with **BeautifulSoup**, and trained the **BERT** model using **TensorFlow** and the **Hugging Face** Transformers library
- Deployed the containerized backend and model on **Azure** using **Docker**, ensuring reliable access for users

HoopStats | *JavaScript, Java, ReactJS, SpringBoot, Postgresql, BeautifulSoup*   **[GitHub]**
- Developed a full-stack application using **Spring Boot** (backend), **ReactJS** (frontend), and **PostgreSQL** (database)
- Utilized **BeautifulSoup** and **pandas** to web scrape and process data from over **450** NBA players
- Deployed the backend **REST API** on **Azure**