

BASITH ABDUL

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EDUCATION

Toronto Metropolitan University, Toronto, ON

BSc - Computer Science, Co-op | Dean's List (2023 - present)

TECHNICAL SKILLS

Languages: Python, Java, C/C++, C#, SQL, JavaScript, HTML/CSS, Lisp, Prolog

Frameworks: .Net, React, Node.js, Numpy, Pandas

Developer Tools: Git, Docker, Oracle SQL Developer, Power BI, Bash, Linux, Microsoft 365, VS Code

Libraries: pandas, Plotly, Streamlit, Selenium (testing)

EXPERIENCE

Computer Science Director

April 2024 - May 2025

Undergraduate Science Society, Toronto Metropolitan University

- Organized technical workshops and a Networking Night by coordinating logistics and cross-functional teams, increasing engagement for **100+** students.
- Conducted survey analysis by structuring responses in Google Sheets, generating actionable insights that improved event planning strategies.
- Created standardized documentation by compiling workflows into guides, reducing onboarding time and ensuring smoother program delivery for future directors.

Volunteer Coordinator

August 2024

TerraHacks Hackathon, Toronto Metropolitan University

- Directed scheduling and task assignments for **50+** volunteers by developing Excel-based trackers, ensuring balanced workloads and full shift coverage.
- Improved event efficiency by analyzing incident logs, identifying recurring patterns, and applying structured solutions during a 3-day hackathon.
- Strengthened stakeholder coordination by delivering timely reports tailored for technical and non-technical audiences, enhancing operational clarity.

TECHNICAL PROJECTS

Portfolio Forge | [Github Link](#) | React, Vite, TypeScript, Tailwind CSS, Framer Motion, Vercel

- Developed a personal portfolio website with React (Vite + TypeScript) and Tailwind CSS, deploying on Vercel for scalable production hosting.
- Implemented SPA routing with custom rewrites and static file delivery, improving navigation and enabling direct resume downloads.
- Designed a responsive interface with Framer Motion animations and shadcn/ui components, enhancing accessibility and user experience across devices.

Python Finance Automation Tool | [Github Link](#) | Python, Streamlit, Plotly, pandas, JSON

- Built an automated reporting dashboard by consolidating CSV statements into SQL-ready structures, enabling visualization of KPIs with interactive charts.
- Reduced review errors by implementing validation scripts in Python to reconcile transactions and catch anomalies.
- Improved reporting clarity by documenting processes into presentation-ready outputs, ensuring financial insights were accessible for diverse audiences.

Job Application Tracker | [Github Link](#) | Python, Streamlit, SQLite

- Engineered a relational database-backed tracker to monitor job applications and KPIs, improving visibility across multiple recruitment stages.
- Enhanced tool reliability by integrating peer feedback and testing validation cases, increasing adoption and usability.
- Applied Git version control and Linux-based environments to manage feature releases, ensuring reproducibility and collaboration readiness.

CERTIFICATIONS

- The Complete Full-Stack Web Development Bootcamp by Dr. Angela Yui - Udemy, 2024
- Learn JAVA Programming - Beginner to Master by Abdul Bari - Udemy, 2024
- The Modern Python 3 Bootcamp by Colt Steele - Udemy, 2023