Matthew Frieri

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EDUCATION

University of Toronto | *Annual GPA: 4.0 / 4.0*   Sep 2023 - April 2027
Computer Science Major and Data Science Specialist | Focus in Technology Leadership

EXPERIENCE

Web Developer Intern | *MultiCloud Decentralized Applications Inc.*   July 2024 - Present
- Designed and developed 11 pages of the company's website using NextJS and Tailwind, including the landing, dashboard, and product hosting pages, with a focus on responsive design, user engagement and calls-to-action.
- Implemented backend features including an automated email system and contact page leveraging SendGrid's API.
- Enhanced SEO and website performance using Google Lighthouse, realizing a 60% boost in web crawler visibility, loading times, and accessibility.
- Currently integrating the Stripe payment gateway to facilitate secure transactions, streamlining the billing and subscription management for the company's services.

Undergraduate Research Lead and Mentor | *Youreka Canada w/ University of Toronto*   Jan - May 2024
- Led a team of 4 junior researchers through the analysis of large datasets to reveal statistically significant trends.
- Streamlined research processes by implementing data analysis techniques and methodologies using Python and R.
- Provided guidance and mentorship to junior researchers while promoting interdisciplinary collaborations, thereby fostering a dynamic and innovative research environment and enhancing research quality.

Coding Instructor | *St. Veronica Elementary School*   Sept 2022 - June 2023
- Led an after-school class using Scratch to teach coding basics, tailoring lessons to engage those at all skill levels.
- Provided guidance to 40+ students, delivering one-on-one feedback to support individual learning goals.

PROJECTS

Cash App - Fraud Detection Visualization   Sept - Dec 2024
- Collaborated with representatives from Cash App to create a tool to visualize and detect fraudulent activity. This will be 2 lines.   IGNORE FOR NOW
- Something about AI that I will write when I know what the project actually is. This will probably be 2 lines hopefully.   IGNORE FOR NOW

City of Vaughan - Time Management Solution   May - Aug 2024
- Worked with the City's CIO, to build a time management solution for the City of Vaughan's Infrastructure Planning and Corporate Asset Management Department, consisting of 25+ employees.
- Implemented user-friendly interfaces and 8+ requested features to streamline time management and staff scheduling, ensuring accurate data entry and efficient planning for the department's employees.

CookClever App (Hackathon) | *JavaScript, React, HTML/CSS, Flask, MongoDB, Google AI Studio*   May 2024
- During HawkHacks 2024, my team and I developed an interactive cooking app incorporating AI image analysis and MongoDB authentication systems, offering a fun and innovative cooking experience.
- Delivered a cohesive and user-friendly application, employing prompt engineering techniques to refine AI image analysis, ensuring accurate evaluation and feedback on user-submitted images based on predefined criteria.

SKILLS

Programming Languages: JavaScript, TypeScript, HTML, CSS, Python, R, Java, C#, SQL, C, Assembly
Technologies / Frameworks: Git, React, NextJS, Tailwind, Flask, OpenCV, Pandas, MongoDB, REST API, AWS, Excel