

EDUCATION

University of Toronto

Toronto, ON, Canada

Bachelor of Arts in Computer Science, Minor in Economics

Sep. 2021 – Jun. 2025 (expt)

Relevant coursework: Machine Learning, Artificial Intelligence, Software Design, Data Structures and Algorithms, Software Engineering, Systems Programming, Microeconomics, Macroeconomics**Positions:** Academic Council (Computer Science Student Union), Orientation Leader (Trinity College)TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL (Postgres), JavaScript, HTML/CSS, R**Frameworks:** React, Node.js, Flask, Tensorflow, WordPress, Bootstrap, TailwindCSS, MaterialUI**Developer Tools:** Git, Docker, Google Cloud Platform, VS Code, Visual Studio, PyCharm, IntelliJ, Linux, Bash Shell**Libraries:** Pandas, NumPy, Matplotlib, PyTorch, Seaborn, Scikitlearn, Keras, OpenCV, PyTesseractEXPERIENCE

FullStack Developer

Sep. 2023 - Dec. 2023

Adaptive and Iterative Experimentation Platform

Toronto, ON

- Revamped the **data analysis** page using Chart.js, increasing user visibility by 30%.
- Achieved a 120% **reduction in page load times** by leveraging Next.js, ensuring a seamless user experience.
- **Led and organized code reviews** with the team to ensure code quality.
- Reduced onboarding time for new developers by 25% through streamlined documentation processes.

Software Engineer

May 2023 - Aug. 2023

MSI Services

Bengaluru, India

- Augmented text data **extraction accuracy by 20%** and enhanced data analysis by using **OCR technology**.
- Expedited project completion time by 15% through cross-departmental collaboration.
- **Enhanced response accuracy** by 25% in the company chatbot using advanced machine learning techniques.
- Utilized **OpenAI API** calls to automate invoice data extraction, improving **accuracy from 67% to 92%**.
- Optimized onboarding processes, reducing time by 20% for new developers through enhanced documentation.

PROJECTS

HealthSignals | HTML/CSS, Javascript, React, Node.js, StreamAPI, Git

Jan. 2024

- Developed a **full-stack medical pager app** with secure authentication, emojis, and GIF support using React.
- Utilized **StreamAPI** to integrate SMS functionality and team messaging features.
- Decreased bounce rate by 15% with the implementation of **cross-platform responsive design**.

Canvas Discord Bot | Python, Tensorflow, CanvasAPI, Git

Jan. 2024

- Engineered a Discord bot leveraging the **Canvas API** to seamlessly gather and organize course data.
- Implemented **transformer-based classification** for announcements, decreasing user confusion by 15%.
- Automated Google Calendar updates based on announcements, lowering missed deadlines by 25%.

Workout App | Java, JSwing, Git

Oct. 2022 - Dec. 2022

- Developed a workout app with clean architecture, **improving efficiency by 46%** through code optimization.
- Used Git to increase operational efficiency by 50% between team members while integrating app components.
- Elevated **user satisfaction by 25%** through visually appealing UI components using the **JSwing framework**.

Personal Portfolio Website | HTML/CSS, Javascript, Git

Oct. 2021

- Built personal portfolio website from the ground up utilizing **HTML, CSS, and JavaScript**.
- Used **mobile-first principles** to ensure an intuitive and seamless experience across all devices.
- Achieved **99.9% website uptime** with efficient version control and deployment strategies.

COVID-19 Impact Analysis | Python, Pandas, Plotly, Matplotlib

Nov. 2021 - Dec. 2021

- Analyzed **CSV data with Pandas** quantifying employment-mental health correlations amid COVID-19.
- Applied linear regression models to accurately analyze data patterns, resulting in comprehensive project insights.
- Improved **decision-making accuracy by 20%** through insightful data visualizations and predictive models.