

EDUCATION

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## University of Toronto

Toronto, ON, Canada

*Bachelor of Arts in Computer Science, Minor in Economics**Sep. 2021 – Ongoing***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

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**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, Shell (Bash)**Libraries:** Pandas, NumPy, Matplotlib, PyTorch, Seaborn, Scikitlearn, Keras, OpenCV, PyTesseractEXPERIENCE

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## 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.
- Effectively utilized **OpenAI API** calls to automate invoice data extraction, streamlining the process and **improving accuracy from 67% to 92%**.
- Optimized onboarding processes, reducing time by 20% for new developers through enhanced documentation.

PROJECTS

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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**.
- \* Built in a responsive design for desktop, tablet, and mobile platforms with an intuitive user experience.
- \* 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.