

# Stefewn Johnson

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## EDUCATION

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**York University, Lassonde School of Engineering** North York, Canada

Sept 2022 - May 2026 (Expected)

Spec. Hons. Bachelor of Science, Computer Science

Relevant Courses: Software Design, Database Systems, Advanced OOP, Operating System, Design & Analysis of Data Algorithms

### Achievement

ICCP Regional Competition | York University | *Teamwork, Problem-solving, Programming*

- Selected as first place among various teams and went to Windsor to compete against other universities

## SKILLS

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**Languages:** Java, C++, C, C#, Python, HTML, SQL, CSS, JavaScript, VBScript, TypeScript, Verilog, PHP, Shell Scripting, Bash, VBA

**Frameworks:** React Native, ReactJS, Next.js, Angular, Spring

**Tools:** GitHub, Git, Node.js, Power BI, GPT-2, Google Vertex AI, Visual Studio, Visual Studio Code, Google Colab

**Databases:** MongoDB, MySQL, PostgreSQL

**Platforms:** Linux, Jupyter Notebook, Google Cloud, Bootstrap, Spring Boot, RISC-V, Adobe Software

## WORK EXPERIENCE

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**TTC | Programmer/Analyst Co-op**

May 2025 - Aug 2025 | *Toronto, Canada*

- Developed a maintenance system in Microsoft Access that allows admin users to issue maintenance notices in the DB
- Recreated TTC's old Microsoft Access forms and reports using HTML, CSS, and JavaScript for better functionality and UI
- Created an employee database in Microsoft Access to streamline the process of updating TTC employee information, using SQL and VBA to reduce the task to a two-button operation

## PROJECTS

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**Weather App - GUI Application** ([Code Link](#))

Jul 2024 - Aug 2024

- Developed a Java application that provides real-time weather information of the user-entered location, including weather conditions, wind speed, humidity, and temperature, using Java API Calls.
- Ensures flawless interaction between the GUI and the external weather source using backend logic to extract weather data and geographic coordinates of a specific location.

**To-Do List - Web Application** ([Web Link](#), [Code Link](#))

Jul 2024 - Aug 2024

- Crafted a to-do list where the user can enter their required tasks, with functionalities that enable the user to add, delete, and edit tasks.
- Created using ReactJS in Visual Studio Code to create a user-friendly design of the application.

**YouTube Downloader - GUI Application** ([Code Link](#))

Jul 2024 - Aug 2024

- Implemented a Python-based program that uses a URL from a given YouTube video to download the entire video.
- The user can download the video using the implemented UI using customtkinter and tkinter from the program.

**Emotion Detector - Machine Learning** ([Code Link](#))

Mar 2024 - Jun 2024

- Leveraged the Google Cloud platform to execute Python code and conduct required tasks, including model training and fine-tuning (AI Programming to react a certain way to each given information).
- Employed Google Vertex AI and Power BI alongside Python and GPT-2 for seamless execution and analysis of model training and dataset exploration tasks.

**Edify Learning - UNHack** ([Website Link](#))

Nov 2023 - Jan 2023

- Engineered for the development of a comprehensive educational initiative aimed at providing quality education to learners of all abilities within the education system.
- Played a key role in designing and implementing an engaging website to showcase our vision and demonstrate the effectiveness of our educational approach using HTML, CSS, and JavaScript in Visual Studio Code.

## LEADERSHIP

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**Thornhill Soccer Club | Soccer Head Coach** | *Leadership, Communication, Teamwork, Time Management*

- Strategized training, ensured sports area upkeep, mentored players, and exhibited strong leadership for team success