

# Stefewn Johnson

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## EDUCATION

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**York University, Lassonde School of Engineering** North York, Canada Sep 2022 - May 2026 (Expected)  
Hons. Bachelor of Arts, Computer Science  
Relevant Courses: Advanced OOP, Software Tools, Theory of CS, Computer Organization, Data Structures & Algorithms

## SKILLS

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**Languages:** Java, C++, C, C#, Python, HTML, SQL, CSS, JavaScript, VBScript, TypeScript, Verilog, PHP, Shell Scripting, Bash  
**Frameworks:** React Native, React Js, Next Js, Angular, Spring  
**Tools:** GitHub, Git, Node Js, PowerBI, 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

## PROJECTS

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- Weather App - GUI Application** ([Project 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 GUI and external weather source using backend logic to extract weather data and geographic coordinates of a specific location.
- YouTube Downloader - GUI Application** ([Project 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.
- Simple Calculator - GUI Application** ([Project Link](#)) Jun 2024 - Jul 2024
- A simple calculator created with basic functionalities such as addition, subtraction, multiplication, and division for whole numbers, decimal numbers, and negative numbers.
  - Created using Java in Eclipse to create a user-friendly design of the application.
- Emotion Detector using Machine Learning** ([Project Link](#)) Mar 2024 - Jun 2024
- Leveraged Google Cloud platform to execute Python code and conduct required tasks, including model training and fine-tuning(AI Programming to react a certain way for each given information).
  - Employed Google Vertex AI and PowerBI 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 to 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.

## EXPERIENCE

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- TTC | Graphic Designer** May 2023 - Aug 2023 | *Toronto, Canada*
- Managed and cleaned up images using Photoshop, and then published them on their website.
  - Used Microsoft Outlook to email clients if they were interested in ordering ride guides.
  - Utilized Microsoft PowerPoint to make a presentation on Black History Month and Black Indigenous Month.
  - Leveraged Microsoft Excel to manage client information about ride guides.

## ACTIVITIES AND LEADERSHIP

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Soccer Head Coach at Thornhill Soccer Club  
Assistant Swimming Instructor at Vaughan Community Centre