

STEFewn JOHNSON

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EDUCATION

York University, Lassonde School of Engineering
Hons. Bachelor of Arts, Computer Science

North York, ON
Sept 2022 - May 2026

COURSES

Advanced OOP | Intro to C | Discrete Math I and II | Calculus I, II | Linear Algebra | Theory of CS | Elementary Probability
Computer Organization & Architecture | Data Structures & Algorithms | Machine Learning | AI

SKILLS

Languages: C++, Python, Java, Assembly Language, HTML 5, SQL, CSS, Bootstrap, JavaScript, VBScript, C#, Scratch, TypeScript, Verilog, PHP, Shell Scripting, SAP, Spring, Angular, Spring Boot

Tools and Frameworks: Unix Commands, PowerBI, O365, RISC-V, Adobe Software, Eclipse, JDeveloper, Canva, Excel, Spreadsheet, GBT2, Power BI, Google Vertex AI, Large Language Models, Visual Studio, Outlook, Photoshop, **Git, GitHub, Android, React JS, React Native**

Databases : MongoDB, MySQL

Platforms : Linus, Windows, Jupyter Notebook, Google Cloud

EXPERIENCE

TTC | Powerpoint, Excel, Spreadsheet, Outlook, Microsoft Teams, Photoshop
Graphic Designer

Toronto, ON
Summer 2023

- Proficient in design principles, leveraging **editing software** for video enhancement
- Highly **creative** and resourceful in utilizing diverse images, fonts, and design techniques
- **Detail-oriented** with precise proofreading skills, complemented by solid organizational abilities
- Avid sports enthusiast with adaptable nature, thriving in **fast-paced environments** with excellent communication skills

PROJECTS

Emotion Detector | Python, Google Cloud, GBT2, Power BI, Google Vertex AI

- Leveraged Google Cloud platform to execute code and conduct required tasks, including **model training and fine-tuning**
- Employed Google Vertex AI and PowerBI alongside Python and GPT-2 for seamless execution and **analysis of model training** and dataset exploration tasks.

Student Registration System | Java, Eclipse

- Designed and implemented a Java-based student registration system utilizing **abstract classes and methods** for course management functionalities
- Developed **exception-handling mechanisms** to ensure robustness and reliability in handling registration-related errors and course prerequisite discrepancies

SoccerTeam Implementation | Java, Eclipse

- Developed a team system with arrays and deep copying with **data integrity** via encapsulation and OOP principles
- Enabled versatile object manipulation across **3 interconnected systems** for robust team management

UNHack | HTML, Visual Studio

- 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

ACTIVITIES AND LEADERSHIP

Soccer Head and Assistant Coach | Thornhill Soccer Club | *Leadership, Communication, Teamwork, Time Management*
Assistant Swimming Instructor | Vaughan Community Centre | *Teaching, Safety, Maintenance*