

Josh Villas

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👤 Josh Villas

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Education

University of Toronto Mississauga

Computer Science Specialist & Applied Mathematics Major

Sep 2024 – Present

- GPA: 4.0

- University of Toronto Scholars Award

St. Roch Catholic Secondary School

Sep 2020 – Jun 2024

- GPA: 97.7

- Governor General's Academic Award, 2024 DPCDSB Top Ontario Scholar

Technical Skills

Relevant Coursework: STA107H5, CSC148H5, CSC207H1

Skills/Tech: Git/GitHub, Web Technologies, Hardware & Networks, Data Visualization, MS Office

Languages: Python, Java, JavaScript, HTML/CSS

Projects

Virtual Mailbox (Freelance) | Python, JavaScript

Apr 2025 - Present

- Creating a virtual mailbox system for a logistics company's customers to view deliveries online.
- Designing the tech stack and the mail scanning process using Svelte, Flask, and Supabase.

LinkedIn Network Visualizer | Python

Mar 2025

- Built an interactive LinkedIn network visualizer with pandas, NetworkX, and PyVis to visualize my mutual connections and identify social groups.
- Wrote a Python script to scrape mutual connection data and construct a graph. Used a network visualization library (PyVis) to generate a [dynamic web](#) ↗ of the network.

Personal Website | JavaScript, HTML/CSS

Dec 2024

- My [portfolio website](#) ↗ with a simple but elegant design made with Bootstrap and hosted on GitHub Pages.

Home Server | IT, Computer Networking

Nov 2024

- Built a personal server using scrap computer parts to host software projects (website, scripts, etc.).
- Set up a web server that hosts a local network website to allow easy file transfer and remote script execution.
- Wrote a Python script to automate the benchmark and stress-testing process for a newly installed CPU.

Experience

Audiovisual Team

Jun 2021 – Present

Every Nation GTA

- Set up and design audiovisual systems for church service livestreams to ensure smooth, error-free production.
- Maintain a log detailing the condition of cameras, microphones, and other equipment, ensuring that all items are functional and accounted for.

Peer Tutor

Mar 2022 – Jun 2024

St. Roch CSS

- Tutored younger students from various grades in Physics, Mathematics, and French.

Youth in Policing Initiative

Jul 2023 – Aug 2023

Peel Regional Police

- Assisted police officers and adhered to a strict schedule and physical training regimen.