

Josh Villas

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Education

- University of Toronto** *Sep 2024 – Present*
HBSc in Computer Science and Applied Statistics
- GPA: 4.0/4.0
 - University of Toronto Scholars Award
- St. Roch Catholic Secondary School** *Sep 2020 – Jun 2024*
OSSD
- GPA: 97.7
 - Governor General's Academic Award, 2024 DPCDSB Top Ontario Scholar

Technical Skills

Skills: Scripting, Web Scraping, Data Visualization, Hardware, Networking

Languages: Python, R, Java, JavaScript

Work

- Audiovisual Technician** *Jun 2021 – Present*
Every Nation GTA
- Set up and design audiovisual systems for weekly church service livestreams and recordings.
 - Maintain a log detailing the condition of cameras, microphones, and other equipment.
- Youth in Policing Initiative** *Jul 2023 – Aug 2023*
Peel Regional Police
- Assisted police officers and adhered to a strict schedule and physical training regimen.
 - Studied forensics, conflict resolution, and emergency management in courses at Sheridan College.

Projects

- Personal Computer** | *Python, Excel, Power BI* *Jun 2019 - Present*
- Built a personal computer and offered a computer building service.
 - Wrote a script to log computer hardware data in an Excel spreadsheet to benchmark a newly installed CPU.
 - Generated a report using Power BI to document the increases in performance for use on online forums.
- Home Server** | *IT, Computer Networking* *Nov 2024*
- Built a personal server using scrap computer parts to host software projects (website, scripts, etc.).
 - Troubleshooted issues with Windows Group Policy not allowing remote connections.
 - Set up port forwarding to host a Minecraft server.
- UofT Course Prerequisite Visualizer** | *Python, JavaScript* *Jan 2025*
- Built an interactive prerequisite tree visualizer with React and Flask.
 - Wrote a web scraping script using to extract UofT course information from the school website.
- Costudify** | *Python, JavaScript* *Jan 2025*
- Created a web social media application with a team using React and Flask.
 - Extracted information from ICS calendar files to store UofT student timetable info in a database.