

# Josh Villas

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## Education

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**St. Roch Catholic Secondary School**  
*OSSD*

*Sep 2020 – Jun 2024*

- GPA: 97.7
- Governor General's Academic Award, 2024 DPCDSB Top Ontario Scholar

**University of Toronto**  
*HBSc in Computer Science and Applied Statistics*

*Sep 2024 – Present*

- GPA: 4.0/4.0
- University of Toronto Scholars Award

## Projects

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**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 an SQL database.
- Enabled calendar data transfer in JSON format and implemented RESTful endpoint with Flask.

**UofT Course Prerequisite Visualizer | Python**

*Jan 2025*

- Wrote a web scraping script using BeautifulSoup to extract UofT course information from the school website.
- Built an interactive prerequisite tree visualizer with Streamlit.

**Home Server**

*Nov 2024*

- Built a personal server out of scrap computer parts to host software projects (website, bot scripts, etc).
- Installed Chrome Remote Desktop to access the server outside of my home network. Troubleshooted issues with Windows Group Policy not allowing remote connections.
- Set up port forwarding to host a Minecraft server.

**Personal Computer | Python, Excel, Power BI**

*Jun 2019 - Present*

- Built a personal gaming PC. Offered a computer building service for friends between 2022 and 2024.
- 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.

## Work

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**Audiovisual Technician**

*Jun 2021 – Present*

*Every Nation GTA*

- Set up audiovisual systems for weekly church service livestreams and videos.

**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.

## Technologies

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**Skills:** Computer Hardware, Computer Networking, Scripting, Web Scraping

**Languages:** Python, R, Java, JavaScript, HTML/CSS, LaTeX