

VIDUN JAYAKODY

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EDUCATION

Carleton University B.C.S. Computer Science, Streaming in Computer and Internet Security	Ottawa, ON Sep 2021 - Apr 2025
Ridgemont High School High School Diploma Ontario Secondary School Diploma <i>GPA: 3.7</i>	Ottawa, ON Sep 2017 - Jun 2021

AREAS OF STRENGTH

Languages:	Java, Python, Bash, HTML/CSS, PHP
Linux:	Server administration, penetration testing, ESXi & virtualization
Hardware:	Networking/cabling, Cisco Routing and Switching, Computer Assembly
Tools:	GitHub, Jupyter Notebooks
Soft Skills:	Conflict resolution, time management, adaptability, detail orientation, remote work

EXPERIENCE

The Knowledge Society (TKS) <i>Innovate Student</i>	Ottawa, ON Sep 2020 - July 2021
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- Use technologies like AI and Blockchain to solve real world problems, simulating Silicon Valley culture
- Create high quality content such as slide decks, one pagers, and videos to present information
- Use critical thinking to resolve issues for TKS partners (i.e. Google, Microsoft, IBM, SpaceX)
- Apply new concepts in personal research initiatives
- Collaborate with members on team projects

Mr. Mozzarella <i>Technical Assistant</i>	Ottawa, ON 2019 - 2020
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- Customized a POS delivery module system with PHP, CSS and MySQL
- Worked with owners to develop a real-time delivery management application for android using SQL database
- Maintained and updated POS systems
- Generating ad hoc reports from a customer database
- Hands-on experience creating and using computer systems for taking orders and delivery management.
- Installed and configured in-house POS system for Mr. Mozzarella franchisees

ARTICLE PUBLICATIONS

How exactly does the Internet Work? (for the average Joe)

<https://vidunjayakody.medium.com/how-does-the-internet-work-9b0f9bbfd4ba>

What the Fork is a Blockchain?

<https://vidunjayakody.medium.com/what-the-fork-is-a-blockchain-fe2f8361035b>

The Tea on IoTs

<https://vidunjayakody.medium.com/the-tea-on-iots-885c2d008297>

Dopamine Detox - Hacking your Brain to Work for You

<https://vidunjayakody.medium.com/dopamine-detox-hacking-your-brain-to-work-for-you-f453f5153557>

ACCOMPLISHMENTS

TKS Global Artificial Intelligence Hackathon

Hackathon pitch leveraging AI for Cybersecurity

(<https://www.loom.com/share/e6ae473ef67448b4bf842a7a858a8d74>)

Used opencv deep learning to build facial recognition app in python

(<https://github.com/vidun-jay/FacialRecognition>)

Configured old PC for use as Linux samba server with ssh access

AWARDS

Carleton Offer of Admission on President's Scholar's scholarship

Silver Medal (over 90% average or over in each secondary school year)

Honor Roll

Ontario Scholar

Extended French Certificate