

# VIDUN JAYAKODY

Ottawa · vidunvj@gmail.com · (209) 684-0441 · <https://vidunjayakody.com>

## EDUCATION

**Carleton University** Ottawa, ON  
B.C.S. Computer Science, Streaming in Computer and Internet Security Sep 2021 - Apr 2025

**Ridgemont High School** Ottawa, ON  
High School Diploma Ontario Secondary School Diploma *GPA: 3.7* 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, Junyper Notebooks  
Soft Skills: Conflict resolution, time management, adaptability, detail orientation, remote work

## EXPERIENCE

**The Knowledge Society (TKS)** Ottawa, ON  
*Innovate Student* Sep 2020 - July 2021

- 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** Ottawa, ON  
*Technical Assistant* 2019 - 2020

- 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

**Hacked numerous tryhackme and hackthebox machines**

**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**