

# VIDUN JAYAKODY

Ottawa · vidunvj@gmail.com · (819) 702-2433 · <https://vidunjayakody.com>

## EDUCATION

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### Carleton University

B.C.S. Computer Science, Streaming in Computer and Internet Security

*Current GPA: 3.9*

Ottawa, ON

Sep 2021 - Apr 2025

### Ridgemont High School

High School Diploma Ontario Secondary School Diploma *GPA: 3.7*

Ottawa, ON

Sep 2017 - Jun 2021

## AREAS OF STRENGTH

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

## EXPERIENCE

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### Systems Administrator

*Internship, Government of Canada*

Ottawa, ON

Apr 2022 - Present

- Containerized applications using Docker
- Deployed Docker images to Kubernetes cluster
- Designed and implemented CI/CD pipeline using GitLab

### Network Security Automation Practice

*Internship, Nokia Corporation*

Ottawa, ON

Jan 2022 - Apr 2022

- Helped develop security practice service offering for Nokia Network Services Platform (NSP)
- Creating high-quality deliverables and documentation
- Using RHEL lab for testing and demoing hardening script
- Tracking & maintaining progress/updates using Microsoft Office (MS Teams, Excel, Outlook, Powerpoint)
- Working with languages like ansible, bash, yaml and python for security automation

### The Knowledge Society (TKS)

*Innovate Student*

Ottawa, ON

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

## ARTICLE PUBLICATIONS

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### 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

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### **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

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**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**