Vidun Jayakody

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Education

Carleton University   Ottawa, ON
B.C.S. Computer Science, Streaming in Computer and Internet Security   Sep 2021 - Apr 2025
Current GPA: 3.9

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, yaml, HTML/CSS, PHP, SQL
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

Systems Administrator   Ottawa, ON
Internship, Government of Canada   Apr 2022 - Present

- Containerized applications using Docker
- Configured Docker compose for multi-container Docker applications
- Designed and implemented CI/CD pipeline using GitLab
- Configured Kubernetes ingress stack

Network Security Automation Practice   Ottawa, ON
Internship, Nokia Corporation   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)   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

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