Vidun Jayakody
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## Areas of Strength

- Installing and configuring Linux OS (Ubuntu and Kali) for Raspberry Pi systems

- Proficient in Python and Java

- Experience in Systems Programming and Linux Administration

- Computer assembly

- Detail-oriented

- Grasping new and complex concepts quickly and efficiently

- Being productive in a remote environment

- Conflict resolution

- Fluent in reading writing, and speaking French, English, and Sinhalese

## Areas of Interest

- Cybersecurity and ethical hacking

- Computer networking

- Machine learning and computer security

- Security of autonomous vehicles

## Education

**RIDGEMONT HIGH SCHOOL (GRADE 12)**                                                    **(2017-PRESENT)**

- Silver medal (above 90% average) in grade 9
- Honor roll (above 80% average) in grade 10
- Honor roll (above 80% average) in grade 11
- Received Academic Excellence and Excellent Attendance award

## Experience

**TKS (THE KNOWLEDGE SOCIETY) — MEMBER**           **PRESENT**

- Use exponential technologies 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

**CCNA CERTIFICATE PREPARATION COURSE**           **PRESENT**

**CINEPLEX SOUTH KEYS – CAST MEMBER**           **(2018 - 2020)**

- Customer Service
- Money handling
- Concession worker
- Using the POS to record guest's orders
- Handling refunds and customer complaints
- Cleaning and maintenance

**MR. MOZZARELLA — TEAM LEAD & KITCHEN ASSISTANT**           **(2017-2019)**

- Worked with owners to develop a real-time delivery management application for android using SQL database
- Maintained and updated POS systems
- Handling customer complaints in a professional manner
- Generating ad hoc reports from a customer database
- Maintaining inventory records weekly
- Hands-on experience using computer systems for taking orders delivery management, and opening and closing the store, preparing food and cleaning.

## Publications

- What the Fork is a Blockchain?:
  https://vidunjayakody.medium.com/what-the-fork-is-a-blockchain-fe2f8361035b?postPublishedType=repub
- The Tea on IoTs: https://medium.com/@vidunjayakody/the-tea-on-iots-885c2d008297
- Dopamine Detox — Hacking your Brain to Work for You:
  https://medium.com/@vidunjayakody/dopamine-detox-hacking-your-brain-to-work-for-you-f453f5153557

## Accomplishments

- Successfully hacked numerous tryhackme (virtual ethical hacking training platform) machines
- Competed in TKS Artificial Intelligence Hackathon
  (https://www.loom.com/share/e6ae473ef67448b4bf842a7a858a8d74)
- Configured and installed Kali on Raspberry Pi for ethical hacking
- Used opencv deep learning to make facial recognition app in python
  (https://github.com/vidun-jay/FacialRecognition.git)
- Completed Pluralsight's Ethical Hacking Fundamentals & CCNA Prep course
- Installed virtual Windows environments for penetrating testing
- Built and sold custom PC
- Configured and installed Linux OS to make samba server from scratch
- Built game in Xcode (iOS app development)
- Developed several python applications
  - Spam texting application (https://github.com/vidun-jay/SpamBot.git)
  - Randomized 8 ball (decision making) application (https://github.com/vidun-jay/DERP.git)