

ARAVINDA KETIPEARACHCHI

Clarkesville, GA 30523 | (320) 282-7916 | aravinda.ketipe@gmail.com

Cyber Security student with four semesters of mechanical engineering education; utilizing skills from both areas of study to provide efficient IT services and maintain network and information security. High levels of experience in adaptability, teamwork, and communication.

EDUCATION

St. Cloud State University, St. Cloud, MN

- Degree: Bachelor of Science in Cyber Security, Spring 2024

SKILLS

- Networking Protocols and Concepts, DNS, DHCP, VLAN,
- Operating Systems: MacOS, MS Windows, Windows Servers, and Kali Linux
- Scripting: Moderate skills in PowerShell, Python, Bash, Arduino, VScode
- Expert skills in System Administration, IT Security, Database systems, Defense Security, Project Management, Customer Service
- Moderate: Computer Forensics, Applied Cryptography, Agile methodologies, Firewall configs(Palo Alto)
- Expertise on MS Office Package, Adobe Premier Pro, Lightroom and Photoshop,

Projects & Activities

- Hotel Room Management Database
 - Designed a room reservation system to a mid-level hotel using MySQL.
 - Used MySQL Workbench and server to create tables and normalizations.
- CCDC(Collegiate Cyber Defense Competition) 2024
 - Palo Alto 11: Configured and secured the team Network environment.

EXPERIENCE

FACILITIES MANAGEMENT,

(June 2019-Jan 2020), (April 2020- Present)

St. Cloud State University - Saint Cloud, MN.

Worked as a cross-functioning student worker in different departments.

- **Grounds and Roads maintenance Worker (June 2019-Present)**
 - Maintain university premises by cutting grass, trimming trees, and overseeing lawn care.
 - Supervise and train temporary student workers.
- **Basic Architectural Graphic Technician (Sept 2020-May2021)**
 - Updated and validated building maps, safety procedures, and equipment information.
- **Warehouse and Receiving and Front Desk Assistant (June 2019 – Jan 2020)**
 - Acted as a central point of contact, handling phone inquiries, work order assignments, and customer service.

CO-OP MECHANICAL ENGINEERING INTERN,

(Feb. 2020- Mar. 2020)

Chart Industries - New Prague, MN.

- Implemented 99.99% precise methods for distance calculation in 3D CAD.
- Cost reduction initiative resulting in 10% reduction in parts cost for high usage vessels.
- Optimized MathCad calculations, reducing the number of calculations required to 10%.
- Reviewed and examined existing Stock-Keeping Units for Product Line Simplification (PLS).

OFFICE ASSISTANT,

College of Education Dean's Office - St. Cloud State University, St. Cloud, MN

(Sept. 2017- May 2021)

- Coordinate visitor access and assist with daily tasks, prioritizing security, and data protection.
- support operational efficiency, including managing sensitive information.
- Create and edit spreadsheets, applying complex formulas for data analysis and reporting.

REFERENCES

- Barron Nixon
- *Building Maintenance Supervisor* (320) 293-6840 barron.nixon@stcloudstate.edu
- Halyn Mathers
- *Former IT Engineer* (320) 221-4968 HAMathers@outlook.com
- Kavinga Batuvita
- *Network Security Engineer* (320) 266-7378 kavinganiroshan14@gmail.com
- Dayan Meemaduma
- *Mechanical Engineer* (507) 475-4478 dmeemaduma@hotmail.com