

Yuvaraajan E

46, Nethaji Nagar, Ariyankuppam, Puducherry, 605007 | Email: yuvaraajane@karunya.edu.in | Phone: 6380390821

OBJECTIVE: Applying for admission to the MS in Internetworking at the University of Alberta for Fall 2024

EDUCATION

B.Tech. in Computer Science and Engineering

Karunya University, Coimbatore

CGPA – 7.56/10.00*

May 2024*

12th Grade,

Amalorpavam Higher Secondary School, Puducherry

77.33%

Mar 2020

10th Grade,

Amalorpavam Higher Secondary School, Puducherry

91.2%

Mar 2018

RESEARCH INTERESTS:

Computer Network, Cyber Security.

COURSEWORK TAKEN:

Computer Network, Cryptography and Network Security, Ethical Hacking

INTERNSHIPS

Cisco Virtual Internship Program 2022, Cisco (Networking)

Apr 2022 – May 2022

Cisco, a technology company with a turnover of billions of dollars and tens of thousands of employees.

- Acquired a solid foundation in Networking Devices and Components.
- Practical Experience in utilizing Cisco Packet Tracer for designing topologies and establishing connections.

Onsite Internship, Integra Software Service Pvt. Ltd.

Dec 2022 – Jan 2023

It is, a software services company with a turnover of millions of dollars and hundreds of employees.

- Gained valuable insights into the ways in which a company provides assistance and support to its employees in addressing system-related and network related issues.

Onsite Internship, Legends Tech Solution

Feb 2023 – Mar 2023

-A web tech company with a turnover of 5,00,000rs and 10 employees

- Learnt and gained experience in working with HTML, CSS and JavaScript, developing a solid skill set in these essential web development technologies.

RESEARCH EXPERIENCE

UNDERGRADUATE PROJECT

Monitorization of Anomaly Behavior of Students inside College Campus

Jan 2024 – Apr 2024

The goal of this project is to enhance a healthy campus environment for educational institutions.

- Your Contribution – What did you do (Individual project/responsibility)
- Methodology – How did you do it (Technology, software used, tests done)
- Results – What did the project achieve/improve (preferably quantifiable with numbers/ percentage)

MINI PROJECT

Traffic Disobeying Control System

Sep 2022 – Oct 2022

The goal of our project is to make traffic control using GSM and RFID.

- Designed and developed a model control system to improve assistance and ensure safety in Traffic.
- Configured Arduino Uno to sense RFID and GSM to send a message; Used Arduino IDE to code Arduino Board.
- When an RFID reader senses the tag then a violation text message is sent to the configured phone number in the tag.

COURSE PROJECTS

Working of Ring Based Algorithm

Mar 2023 – Apr 2023

- Actively contributed to the development and implementation of the Ring-Based Algorithm.
- Developed a Python codebase for the efficient implementation of the Ring-Based Algorithm.
- Ensured that the algorithm was user-friendly, allowing any user to input their desired parameters and receive the corresponding output seamlessly.

NFA to DFA Conversion

Mar 2023 – Apr 2023

- I actively participated in the NFA to DFA conversion process, ensuring its accuracy and efficiency.
- Collaborated in writing code to automate the NFA to DFA conversion using Python.
- Developed an intuitive user interface allowing users to input NFAs and obtain corresponding DFAs effortlessly.

PUBLICATIONS, PRESENTATIONS AND CONFERENCES

- Presented a paper on Ambulance Intimation Using LoRa at National Conference on Innovative Research In Advanced Computing (NCIRAC'23) organized by Noorul Islam Centre for Higher Education on April 2023.
- Presented a paper on Traffic Disobeying Control System at International Conference on Ubiquitous Computing and Pervasive Intelligence (ICUCPI – 2023) organized by Joseph Art and Science College on March 2023.

CERTIFICATIONS

- AWS Cloud Technical Essentials, Amazon AWS, Coursera, Oct 2022
- English for Career Development, University of Pennsylvania. Coursera, Mar 2022
- Introduction to Open-Source Networking Technologies, LinuxFoundationX, edX, Jun 2022
- Introduction to Cloud Computing, IBM, edX, Jun 2022.
- Blockchain: Understanding Its Uses and Implications, LinuxFoundationX, edX, Jun 2022
- Cybersecurity Basics, IBM, edX, Jun 2022
- AWS Cloud Practitioner Essentials, Amazon AWS, edX, Jun 2022
- Preparing to Network in English, University of Washington, edX, Jun 2022

AWARDS AND EXTRA-CURRICULAR ACTIVITIES

- *Position, Department/Body/Fest Name, Organization, organized xx and yy, Mmm YYYY – Mmm YYYY*
- Volunteered/Participated in Event Name, organized by Organizer, managed xx and yy, Mmm YYYY
- Placed Nth among XX participants/teams, Event Name, Hosting College/Organization, Mmm YYYY
- *Placed First among 10 teams, State-level Basketball Tournament, Sports Authority of India, Government, Mmm YYYY*

TECHNICAL SKILLS: Windows, Linux, Python, MySQL, VS code, Cisco Packet Tracer

LANGUAGES: English, Tamil (Read, Write, Speak)