

Ram Alagappan
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EDUCATION:

Master of Science, Computer Engineering (Computer Systems)

Arizona State University, Tempe

Present

Bachelor of Technology in Computer Science with AI/ML

SRM Institute of Science and Technology, Ramapuram

August 2020 – May 2024

CGPA : 9.01 / 10

INTERNSHIPS:

- Cognizant: Tasks in Data Analysis, Modelling, Model Building & Interpretation and Machine Learning Production **July 2023**
- Prag robotics: Assisted a project titled coin station using big data and machine learning with R language **April 2023**
- Oasis Infobyte: Interned as a data scientist **March 2023**
- Code Clause: Data science intern **August 2023**

PROJECTS:

Smart Selection for Optimal D2D Communication Backup Device and Anomaly Detection

October 2023

- This study proposes a framework for smartly selecting backup D2D communication UE's based on criteria like signal strength, battery life, proximity, and historical reliability using machine learning models, When the primarily connected UE RELAY is not in range.

Food ordering app exclusively for universities

May 2022

- This app aims to streamline the process of ordering food on campus by reducing wait times, especially useful in highly populated Universities to cater to the fast-paced lifestyle.

RESEARCH PAPER:

- Ram. A, Gowthamy. J, Senthilselvi. A, Rohit. R., Niranjana. S. Emergency Alert and Adaptive Traffic Signal System Using Machine Learning. In: Senjyu, T., So-In, C., Joshi, A. (eds) Smart Trends in Computing and Communications. SmartCom 2024. Lecture Notes in Networks and Systems, vol 948. Springer, Singapore, 15 May 2024. https://doi.org/10.1007/978-981-97-1329-5_7
- Knowledge Driven Semantic Segmentation based on Instance Adaptive Learning (Accepted in IEEE Explore) **June 2024**

SKILLS:

Programming Language:

- C
- C++
- Python
- Machine Learning

Web Development:

- HTML
- CSS

IDE:

- Visual Studio Code
- Pycharm

EXTRA-CURRICULAR & SCHOLASTIC ACTIVITIES:

- Member of a technical club called Techwiz from 2022 to 2024
- Organized and conducted ship-wreck in a cultural event named Texus in October 2022
- Secured third position in a hackathon called Abinitio

