

Vineeth Yelagandula

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EDUCATION

Master of Science in Computer Science

08/2023-06/2025

University of Dayton

GPA: 3.57 Dayton, USA

Coursework: Advanced Programming, Data Structures and Algorithms, Advanced Storage Technologies, Object Oriented Programming, Professional Development.

Bachelor Of Technology in Computer Science

08/2019 – 07/2023

Sreenidhi Institute of Science and Technology

GPA: 3.2 Hyderabad, India

Coursework: Data Base Management System, JAVA Object-Oriented Programming, Python Programming, Machine Learning

SKILLS

- Programming Skills: JAVA, C, C++, Python, Express, NodeJS, R Programming
- Databases: MySQL, MongoDB. Organizing Cloud Infrastructure, AWS, Kubernetes
- Machine Learning: TensorFlow, Pytorch, NLTK, SpaCy
- Web Technologies: HTML, CSS, Java Script, React.js
- Soft Skills: Communication, Critical Thinking, Problem Solving, Time Management,

PROFESSIONAL EXPERIENCE

Full Stack Developer Intern

12/2022 – 02/2023

DENAURLN

Hyderabad, India

- Utilized MERN stack to develop a user analytics webpage with ReactJS for frontend data visualization, while employing backend tools for gathering and processing user data from multiple sources.

• Software Development Engineer Intern

03/2023 – 05/2023

Binford Drones

Hyderabad, India

- Programmed and deployed autonomous drones for parcel delivery, enhancing payload stability with self-stabilizing Stewart platforms and implementing obstacle detection systems using OpenCV for safer operations..

Web Development Intern

08/2022 – 11/2022

StuMagz

Hyderabad, India

- Maintained and updated the Stumagz website, ensuring responsiveness and user-friendliness, while implementing JavaScript frameworks, utilizing jQuery for DOM manipulation, integrating CSS animations, and collaborating on Bootstrap for consistent and responsive UI elements.

PROJECTS

Social Media Dashboard

12/2022 – 02/2023

- Developed a Social Media Dashboard within the DENAURLN application to provide comprehensive analytics and data insights for user posts.

Social Distancing and Gait Detection

03/2022

- Developed a project utilizing deep learning and neural networks to detect social distance between individuals and identify bending poses in humans. Implemented in crowded areas, this technology ensures safety and adherence to social distancing measures.

Plant Disease Detection Using Convolutional Neural Networks

02/2021

- Utilized OpenCV databases for a project dedicated to plant diagnosis based on leaf and structural visual characteristics.

Ksheera Autonomous Underwater Vehicle

04/2020 – 09/2020

- Led the development of an AUV network for oceanic data collection, designing robots for navigation and data collection, implementing data analysis algorithms for evaluating ocean conditions, and securing \$2000 in funding for the KSHEERA project.

Stewarts Platform

02/2023

- Skilled engineer adept in crafting self-stabilization algorithms for drone payloads, proficient in MATLAB and C++ coding, committed to advancing drone technology through precision payload positioning and collaborative teamwork.

Automatic Obstacle Detection Using OpenCV

03/2023

- Experienced in enhancing drone payload stability, adept at utilizing advanced technologies, proficient in Python and C++ programming for optimized performance, with a collaborative approach to achieving project goals.

CERTIFICATES

AWS Certified Machine Learning – Specialty

Issued by Amazon Web Services (AWS)

CCNA: Introduction to Networks:

Issued by Cisco Systems

ACHIEVEMENTS AND ACCOLADES

- Gold Medal and Silver Medal in E-nnovate Project Fair.
- Board Member for The Robotics Club - SNIST for the Tenure 2020-2021.
- Marketing Head for the Sreenidhi's Annual Technical Fest ROBOVEDA 2021 and 2022