

ROHAN NAITHANI

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EDUCATION

B.Tech in Computer Science, Vellore Institute of Technology Septempber 2020 - Present

CGPA: 8.41

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming, Network and Communication, Machine Learning, Operating System

12th Grade, St. Josephs Academy April 2018 - March 2020

Percentage: 92.75

Physics, Chemistry, Maths, Computer Science

CERTIFICATIONS

Security, Compliance and Identity Fundamentals ([Certificate](#)) May 2023 - July 2023

Certified by Microsoft

- Gained comprehensive knowledge of essential security concepts, compliance regulations, and identity management principles, enabling effective protection of organizational assets.

Accelerated Computer Science Fundamentals ([Certificate](#)) December 2022 - February 2023

Certified by University of Illinois at Urbana-Champaign

- Completed a 3 course specialisation, gaining a solid foundation in core computer science principles, algorithms, and data structures, enhancing problem-solving abilities.

Mathematics for Machine Learning ([Certificate](#)) December 2022 - February 2023

Certified by Imperial College London

- Completed a 3 course specialisation, gaining a solid foundation in key mathematical concepts such as linear algebra, calculus, and probability theory, enabling the understanding of machine learning algorithms.

SKILLS

Languages	C++, Python, Java, HTML, CSS, JavaScript
Frameworks	TensorFlow, SpaCy, Node.js, Metasploit
Technical Skills	OOPs, Operating Systems, Machine Learning, Deep Learning , Computer Architecture, Data Structures and Algorithm, Network and Communication
Soft Skills	Problem-Solving, Teamwork, Critical Thinking, Communication, Leadership, Planning

PROJECTS

Online Donation System. Collaborated on creating a website with purpose of assisting with the donation of different kinds of items to different NGOs, making it more accessible for people to start donating. ([Link for Project](#))

Smart Agricultural System. Designed and integrated an automated simulation with monitoring and control mechanisms for irrigation, fertilization leading to enhanced sustainability and reduced operational costs. ([Link for Project](#))

Generative Model for Malware Detection and Classification. Pioneered the development of a generative model for malware detection and classification, utilizing deep learning algorithms and adversarial training techniques to identify and categorize previously unseen malicious software. ([Link for Project](#))

EXTRA-CURRICULAR ACTIVITIES

- Active participant in the Social Entrepreneurship Club(Enactus, VIT), collaborating with a diverse team to ideate and implement innovative solutions addressing social and environmental challenges.