# BHUVAN CHANDRA KURRA

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## EDUCATION

**NORTH CAROLINA STATE UNIVERSITY, RALEIGH, NORTH CAROLINA**          **Aug 2024 - May 2026**
Master of Science in Computer Science
**Relevant Course Work**: Design and Analysis of Algorithms, Software Engineering,
Object-Oriented Design and Development

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, CHENNAI, INDIA.**          **Aug 2020 - Jun 2024**
Bachelor of Technology in Computer Science Engineering                **CGPA - 8.2/10.0**
**Relevant Course Work:** Operating Systems, Data Structures and Algorithms,
Data Base Management Systems, Artificial Intelligence and Machine Learning, Advanced
Programming Practice, Formal Language and Automata, Compiler Design

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## WORK EXPERIENCE

**Machine Learning Intern, Hyper Thread Solutions**          **Feb 2024 - May 2024**
- Cleaned and processed data for model use and assisted in training and tuning machine learning models.
- Conducted experiments to test and improve models.
- Helped to build and maintain data processing and model deployment pipelines.

**Technical Analyst Intern, Fit.melabs**          **Nov 2022 - Jan 2023**
- Analyzed investments based on past market movements and technical indicators.
- Worked alongside with Vuforia for automating the C# scripts using Machine learning
- Tools Used: Matlab, Unity, Vuforia, MS Excel, Blender

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## SKILLS

- **Languages and Tools:** Python, C++
- **Databases:** MySQL
- **Software/Cloud:** Windows, Linux, HoloLens, Unity 3D, Open Sound Control (OSC),Amazon AWS
- **Miscellaneous:** Agile Methodologies, Scrum Master, Augmented Reality Game Development

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## PROJECTS

**Multi Cancer Detection Using VGG and Efficient Net with explainable AI**          **Dec 2023 - May 2024**
Processed the data, trained the models, and evaluated their performance using deep learning algorithms

**Concrete Strength Predictor using Machine Learning**          **Jul 2023 - Nov 2023**
Predicted the strength of concrete using machine learning algorithms. Determined calibration of the time-temperature-strength relationship from laboratory tests of the mixture.

**Blood donation app using Python**          **Mar 2022 - Aug 2022**
Created an app where users may register as recipients or donors, look for blood donors based on location or blood type, and help match blood donors with people in need.

**Library management system using Java**          **Mar 2022 - Aug 2022**
Designed a system to efficiently manage the operations of a library with high security.

**Biometrics for Defense services**          **Jul 2023 - Nov2023**
Created a system that captures images of veins for military purpose and also providing high security for the equipment.

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## LEADERSHIP AND INVOLVEMENT

- Took end to end responsibility for a national event, **Milan**'s finances as a Convener at the Directorate of Student Affairs SRMIST.
- Won a silver medal in the inter college cricket tournaments in my junior year.
- Participated in various intra college events as a western dancer.
- Actively participated as a volunteer at an old age home in Chennai called The Greater Good.