

## RITVIK CHEBOLU

LinkedIn: <https://www.linkedin.com/in/ritvik-chebolu>

GitHub: <https://github.com/ritvik-chebolu>

Portfolio: <https://share.streamlit.io/ritvik-chebolu/streamlit-resume/main>

Phone: +1(585)710-1750

Email: [rc2388@rit.edu](mailto:rc2388@rit.edu)

### EDUCATION

Master of Science, Data Science

2021 - Expected 2023

Rochester Institute of Technology, GPA: 3.11

Bachelor of Technology, Mechanical Engineering

2017 – 2021

Indian Institute of Technology Dharwad

### TECHNICAL CERTIFICATIONS AND SKILLS ([Link to certificates](#))

- **Programming Languages:** Python, R, SQL, Java, C++, JavaScript, XML, MATLAB
- **Technologies:** MySQL, Tableau, Git, PowerBI, Hadoop, Microsoft Office, Android Studio
- **Libraries:** TensorFlow, Keras, Scikit Learn, OpenCV, Seaborn, Matplotlib, Numpy, Pandas

### RELEVANT COURSES

Foundations of Data Science and Analytics, Software Construction, Applied Statistics, Visual Analytics, Database Design, Calculus, Linear Algebra, Ordinary Differential Equations, Numerical Analysis

### PROJECTS

#### [Acute Ischemic Stroke Prediction](#)

Dec 2021

- Utilized primary data to predict the stroke severity in patients based on their medical history and details using a Voting Classifier Ensemble machine learning model to achieve a combined accuracy of 97.5%.

#### [User Feedback Sentiment Analysis](#)

Dec 2021

- Evaluated user feedback from sentiment scores using a natural language toolkit library (NLTK).

#### [LinkedIn Data Analytics for Social Media Marketing](#) (A data viz hackathon)

May 2021

- Analyzed and drew inferences using dashboards from the LinkedIn social media page data of FestMan from the previous year to derive insights based on their follower and visitors data.

#### [Analysis of behavior of Nitinol as a Shape Memory Alloy for 4D Printing](#) (Research Project)

Aug - Dec 2020

- Conducted experiments, collected data for a mechanical system, analyzed datasets, cleaned data and drew inferences based on stress-strain curves for different temperature distributions to distinguish between two material compositions. Also formulated a mathematical model for the mechanical system.

### INTERNSHIPS

Intern in Thermal Power Plant at Visakhapatnam Steel Plant, India

July 2019

- Analysis of variation of blade temperature over time for steam and gas turbines.

Intern on Steam Turbine Engineering at BHEL Hyderabad, India

May 2019

- Analysis of blade profile variation for a steam turbine over length for various turbine capacities.

Intern on Manufacturing Processes at Visakhapatnam Steel Plant, India

Dec 2018

- Repair analysis for a torpedo ladle car to carry molten steel from a furnace.

### ACTIVITIES AND ACHIEVEMENTS

- Public Relations Coordinator for the Institute Innovation Council at IIT Dharwad (2018 - 2021).
- Placed 4th in DevHack 2.0 (an annual tech-fest hackathon at IIT Dharwad) for designing a “Smart Closet” that sanitizes and dries all clothes within a closet (Feb 2020).
- Head of the Electrical team and member of the Chassis team for InGene Motorsports, a Formula Bharat real-time race car fabrication team at IIT Dharwad (2018 - 2020).
- Placed 2nd in the Inter-Department Football competition at IIT Dharwad (2018 and 2020).
- Secured 8th place in Chess at the Inter-IIT Sports Meet (national level event) at IIT Madras (Dec 2017).