

# ADITYA VIKRAM CHOUDHARY

M.TECH - CSE (1ST YEAR), IISC - BANGALORE

## EDUCATION

Indian Institute of Science (IISc),  
Bangalore

M. Tech - CSE (Dept of CSA)  
CGPA: 8.3/10 | Aug '22 - June '24  
(Expected)

IIST, Shibpur

B. Tech - Computer Science  
CGPA: 9/10 | July 2017 - June 2021

## TECHNICAL SKILLS

Programming Languages

- Java (Proficient)
- Python (Proficient)
- C & C++ (Intermediate)

Courses

- Machine Learning (2023)
- Reinforcement Learning (2023)
- Design & Analysis of Algorithms (2022)
- Linear Algebra & Probability Theory (2022)
- AI & NLP (2021)
- Big Data (2021)
- Operating Systems (2020)
- Databases (with SQL) (2019)

## WORK EXPERIENCE

TCS Research & Innovation (TCS R&I) | Researcher  
September '21 - July '22

- Worked on **designing** an improved Digital Twin technology for industrial plants to aid in **enhancing efficiency** using domain knowledge

## INTERNSHIP EXPERIENCE

HENNGE | Software Engineering Intern  
July '21

- **Created** a full-stack web application using Golang and Angular and **deployed** it using Terraform with multiple AWS resources

AMAZON | Software Engineering Intern  
June '20 - September '20

- Created a **web tool** intended for **lookup** and subsequent **diagnosis** of errors in any FireTV device across the globe

## RELEVANT PROJECTS

DATA SCIENCE - Epidemiology Modelling (COVID) [2021]

- Used existing compartmental models of modelling epidemics to study the spread of COVID-19 in India and also built on them to **develop** new models of our own.

WEB DEVELOPMENT - Event Management app [2020]

- Developed the entire stack of a web app to **create, manage and handle** events going around in the university

ANDROID APP DEV - Disaster Management app [2020]

- As part of an **academic project**, worked to build an app for rescue workers to aid needy people in situations of natural calamities to help them as soon as possible.

## CONTACT INFORMATION



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