

# Vishesh Choudhary

☎ +917773029755 ✉ vishachoudhary@gmail.com 🌐 visheshchoudhary.me

## EDUCATION

2020 to Present

**Integrated MTech. Mathematics And Computer Science**

9.03/10.0 CGPA

Vellore Institute of Technology

2019 to 2020

**Bachelor of Applied Science (Hons.)**

**Mathematics And Computer Science**

Semester(1&2)-Aggregated 93.1% Percentage

Institute For Excellence in Higher Education

2007 to 2019

**High School Diploma Physics, Chemistry, Mathematics And Informatics Practices**

CBSE XII 81% Percentage

CBSE X 9.0/10.0 CGPA

JEE Mains 97.467 Percentile

JEE Advanced 23K Rank

Sagar Public School

## EXPERIENCE

2020 to Present

**Casual Academic**

Vellore Institute of Technology

- Core Committee Member, Google Developer Student Clubs-VIT, Worked In The Field of Motion Graphics And Machine Learning From - *December 2020 to September 2021.*
- Research Committee Member, Association For Computing Machinery-VIT, Worked In The Field of Machine Learning And Cryptography-Algorithms From - *December 2020 to August 2021.*
- The Table Below Lists the Courses I have Studied, And I am Proefficient in.

Course code	Course Name
CSI2003	Advanced Algorithms
CSI3020	Advanced Graph Algorithms
CSI3002	Applied Cryptography and Network Security
CSI3005	Advanced Data Visulization Techniques
CSI3025	Application Development and Deployment Architecture
CSE4031	Game Theory
CSI3003	Artificial Intelligence and Expert Systems
CSI3005	Advanced Data Visulization Techniques
CSI2002	Data Structures and Algorithm Analysis
CSI2023	Advanced Server Side Programming

## SKILLS

**Tools:** Linux, Git, Android studio, Make, Cmake, Docker, Kubernetes

**Languages:** Python, R, Java, L<sup>A</sup>T<sub>E</sub>X, Shell, C, C++, Rust, GO, Clojure, Vue.js, WebAssembly, Yew

**Certification:** Listed Below

Building Distributed Applications In GO

Advanced Linear Models for Data Science 2: Statistical Linear Models

Advanced Linear Models for Data Science 1: Least Squares

Advanced C Programming Integrating C and Assembly Language

Bayesian Methods for Machine Learning

Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

Image Understanding with TensorFlow on GCP

Sequence Models for Time Series and Natural Language Processing on Google Cloud

DeepLearning.AI TensorFlow Developer

Rust Essential Training

Rust Fundamentals

## PROJECTS

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- **Electric Funeral** A Combination of Software Defined Network (SDN) And A Multi-Layer Perceptron (MLP) Neural Network That Results In The Mitigation of DDoS Attacks. *May 2021 to September 2021*

## INTERESTS

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- Learning Japanese And Origami Crafting *July 2021 to Present*