

VINIT RAVICHANDRAN IYER

Phone: (+91) 98203 30370

Email: ivinitr@gmail.com

LinkedIn: www.linkedin.com/in/Vinit-R-Iyer

GitHub: <https://github.com/Vinit0111>

Mailing Address: A 303, Maruti Apartment, JN road, Mulund West, Mumbai – 400080, Maharashtra, India.

EDUCATION

BSc	Jain University, Physical Sciences Majoried in Physics, Mathematics & Computer Science	May 2022
Diploma	CMIT, Software Engineering Subjects – C, C++ and Python	2018
Diploma	CMIT, AutoCAD Designing Subjects – AutoCAD Designing in 2D & 3D	2018
A Levels	Edexcel, Pearson, A Levels Subjects – Physics, Mathematics & Chemistry	January 2019
High School	Pawar Public School, ICSE X th Grade according to Indian Curriculum	May 2016

AWARDS & CERTIFICATIONS

Accomplished Competitor	2019
Ranked as Accomplished Competitor for Globally held virtual University Level Physics Competition. Researched and wrote a paper on “Safe Habitat for Earth-Mars Transit”.	
Gold Medal	2014
Received the First prize for building and programming the most accurate All Terrain Rover incorporating different sensors and accomplishing each task with maximum accuracy in the NASA Space Camp held globally.	

RESEARCH EXPERIENCE

Paper Presentation, Jain University, Bengaluru, India **2020**

Advisor: Dr. Malatesh Akkur

Topic: Artificial Neural Networks, An Overview.

Thesis Competition, University Physics Competition

Advisor: Dr. Sathya Sheela S

2020

Topic: Safe Habitat for Earth-Mars transit.

PROJECTS

Linear Regression Algorithm **Dec, 2020**

Language: Python

Field: Data Analytics

Description: Predicting the Actual Sale Price of a House in North-Eastern areas of Seattle in North America based on various factors

Logistic Regression Algorithm **March, 2021**

Language: Python

Field: Data Analytics

Description: Predicting whether a customer of a certain bank shall churn or not based on multiple parameters using a Logistic Regression Model.

Ensemble Model Algorithm **April, 2021**

Language: Python

Field: Data Analytics

Description: Predicting whether the client of a certain bank in Taiwan will default to the next month or not.

Unsupervised Clustering Algorithm **April, 2021**

Language: Python

Field: Data Analytics

Description: Segregating the given regions of the provided data into different groups so that the Marketing team of a firm can plan their resources accordingly to launch their promotional campaign.

Decision Tree Algorithm **May, 2021**

Language: Python

Field: Data Analytics

Description: Predicting whether a Customer would be granted a loan or not depending on various parameters.

Simple Calculator**May, 2021***Language: Java**Field: Android App Programming**Description: A simple Calculator built on Android Studio which has basic functionality such as Addition, Subtraction, Multiplication and Division.***Data Visualization of Acme Telco Company****August, 2021***Software: Tableau**Field: Data Visualization and Analytics**Description: Conducting a detailed study and present a detailed visual analysis to help improve company image among the public and the employees, increase employee satisfaction and control attrition.*

PRESENTATIONS

Paper Presentation, “Artificial Neural Networks, An Overview.” *Name of Conference, Date.*

Workshop, “Introduction to Robotics,” Initiation Week for INTELLIGENZ – The Robotics Club, October 15th 2019.

PROFESSIONAL TRAINING**Machine Learning**Internshala, Virtual, 22nd October 2020

Description: Successfully completed a six weeks online training on Machine Learning. The training consisted of Introduction to Machine Learning, Data, Introduction to Python, Data Exploration and Pre-processing, Linear Regression, Introduction to Dimensionality Reduction, Logistic Regression, Decision Tree, Ensemble Models and Clustering (Unsupervised Learning) modules.

TableauInternshala, Virtual, 28th July 2021

Description: Successfully completed eight weeks online training on Data Visualization using Tableau. The training consisted of Getting Started with Tableau, Creating Charts in Tableau, making your charts better, Filters, Sets and Groups, Create Dashboard, Creating Calculations in Tableau, Creating Advanced Calculations, Advanced Messaging in Tableau, Data Preparation for Tableau and Final Project modules.

National Workshop on Materials and Instrumentation for Energy Conversion and Storage

Jain University, 4th September 2020

Description: Successfully completed a two-day intensive workshop on Materials and instrumentation for Energy conversion and storage.

National Workshop on Probability Models and Applications

Jain University, 6th October 2020

Description: Successfully completed an intensive workshop on Probability Models and their applications in various fields such as Machine Learning, Geology, etc.

PROFESSIONAL AFFILIATIONS

All India Council For Technical Skill Development, 2020-Present

INTELLIGENZ – The Robotics Club, 2019-Present

Founder and President of the club, Creating a conducive environment for the upskilling and learning of various topics related to Robotics and Artificial Intelligence.

Orbit – The Astro Club, 2019-Present

Qwerty – The Computer Science Club, 2019-Present

Core Committee member and Tech head/Head of Public Relations. Management and maintaining healthy and professional relations along with scouting new members for the club.

COMMUNITY SERVICE

National Social Service (JGI branch)

Member, Bengaluru, 2019-2022

Dream Club

Member, Environment activist, Mumbai, 2012-2016

LANGUAGES

Proficiency listed in terms of ACTFL Proficiency scale.

English: Superior Listening, Speaking, Reading and Writing

Hindi: Native Language

Japanese: Novice Listener, Speaker, Reading and Writing

COMPUTER SKILLS

Programming: C, C++, Python, Java, Android Programming, HTML5 & CSS

Applications: AutoCAD, Eclipse, Jupyter, Android Studio. Turbo C++, Dev C++, Codepen, MS Office

Data Visualization Tools: Tableau, Power BI

Mathematical Tools: WxMaxima, Scilab, Desmos

HOBBIES

Collecting Coins of different countries

Solving 3D Puzzles

Building models using Lego pieces

Listening to Music

SPORTS

Badminton

Cricket

Soccer

Basketball

Billiards

Chess

Carrom