

Pranav Manjunath

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EDUCATION

MS in Interdisciplinary Data Science (GPA: 4.00) <i>Duke University</i>	Aug 2020 – May 2022 <i>Durham, NC</i>
BE in Computer Science and Engineering (Certificate of Distinction) <i>Visvesvaraya Technological University (PESIT)</i>	Aug 2016 – May 2020 <i>Bangalore, India</i>

EXPERIENCE

Data Scientist Summer Intern <i>Advance Auto Parts</i>	May 2021 – Aug 2021 <i>Raleigh, NC</i>
<ul style="list-style-type: none">Will be working with the Advance AI team to implement machine learning models in the retail industry.	
Project Manager - Data+ <i>Duke University</i>	Jun 2021 – Aug 2021 <i>Durham, NC</i>
<ul style="list-style-type: none">Will be managing a team of Duke undergraduate students to develop machine learning features that can be used to identify unknown web attacks.Outcome to be incorporated into Duke's IT security infrastructure to help protect the network.	
Graduate Teaching Assistant <i>Duke University</i>	Dec 2020 – Present <i>Durham, NC</i>
<ul style="list-style-type: none">Cloud Computing for Data Analysis - Prof. Noah Gift: Help structure the course, grade and review assignments, organize office hours to help students with the coursework.Python Winter Course - Prof. Andrew Hilton and Prof. Genevieve Lipp: Organize office hours for over 170 students to help them with the coursework.	
Machine Learning Intern <i>Microland Limited</i>	Jan 2020 – Mar 2020 <i>Bangalore, India</i>
<ul style="list-style-type: none">Worked on implementing NLP techniques to effectively cluster in-house generated tickets with appropriate topic modeling (Python).Used HTM to identify anomalies in server data (Python).	
Trainee Decision Scientist Intern <i>Mu Sigma</i>	Jan 2019 – Apr 2019 <i>Bangalore, India</i>
<ul style="list-style-type: none">Worked collaboratively on a project with a multinational pharmaceutical client in developing a plug and play analytical and statistical platform to implement data pre-processing and regularized regression models. The platform was built on R and R Shiny.	

PROJECTS

Painting Classification - Computer Vision Project (Ongoing)	Jan - May 2021
<ul style="list-style-type: none">Using CNN to classify and predict paintings into its respective genre and artist - Duke University	
Small World Experiment - Reinforcement Learning Project (Ongoing)	Jan - May 2021
<ul style="list-style-type: none">Training a Q-Learning Model to determine the shortest connectivity between two unknown individuals - Duke University	
Facebook Promotional Ads - AB Testing (Ongoing)	Jan - May 2021
<ul style="list-style-type: none">Designing, Running, and Analyzing Music Promotional Ads on Facebook - Duke University	
Real Time Prediction of Stock Prices using Time Series Modelling (AWS)	Aug - Dec 2020
<ul style="list-style-type: none">Data Engineering Systems Project - Duke University	
Prediction of Genre based on Spotify Musical Features	Aug - Dec 2020
<ul style="list-style-type: none">Modelling and Representation of Data Project - Duke University	
BERT - Multi Emotion Classification of Social Media Comments	Aug - Dec 2020
<ul style="list-style-type: none">Natural Language Processing Project - Duke University	

PlaceMeUp - Job Placement ML Prediction Platform

Aug 2019 - May 2020

- Undergraduate Final Project - PESIT

EyesPRO - Protect Your Eyes

Jan - May 2018

- Android Mobile Application to help reduce myopia in children. Converted into a research paper and won the **Best Paper Award** at RISE Conference 2018.

PUBLICATIONS

Springer Publications - Book Chapter in Algorithms for Intelligent Systems

Aug 2019

Pranav Manjunath & Kushal Naidu

Title: **Apriori Algorithm and Decision Tree Classification Methods to Mine Educational Data for Evaluating Graduate Admissions to US Universities** - [Paper Link](#)

International Journal of Scientific Research in Science and Technology

May 2018

Pranav Manjunath & Nimisha V Arun

Title: **EyesPro - Protect your Eyes** - [Paper Link](#)

SKILLS

Programming Languages: Python, R, SQL (MySQL and Postgres), C

Cloud Services: Amazon Web Services (Appearing for AWS ML Certification), Google Cloud Platform

Leadership: Co-Founder of CARE - Career Counselling Services, aiming to guide undergraduate students for Job Placements and Higher Studies (currently over 320 members).

Co - Founder of an internationally acclaimed violin duet band with my brother, Boston Brothers.

Was in the organizing committee of TEDxPESITBSC, international conferences, cultural, and music programs in PESIT.

EXTRA CURRICULAR ACTIVITIES

Professional Violinist and Music Teacher

Trained in Indian Classical Carnatic Music

Performed over 400 concerts worldwide and have received multiple awards, honors and citations.

Received the 1st Rank in the highest Indian Classical Music Examination - Vidwath

Sports

Swimming | Cricket

Won several trophies and medals at District Level Swimming, Boston USA and played for Mallya Aditi International School's Cricket Team (High School) for 4 years.