

Pranav Manjunath

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AWS Machine Learning Certified

EDUCATION

MS in Interdisciplinary Data Science (GPA: 3.957) <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> <ul style="list-style-type: none">Will be working with the Advance AI team to implement machine learning models in the retail industry.	May 2021 – Aug 2021 <i>Raleigh, NC</i>
Project Manager - Data+ <i>Duke University</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.	Jun 2021 – Aug 2021 <i>Durham, NC</i>
Graduate Teaching Assistant <i>Duke University</i> <ul style="list-style-type: none">Data Analytics and Applications (Fuqua School of Business) - Prof. Mattia Ciollaro : Organize 6 hours of office hours weekly to help students with coursework and teach them concepts in Machine Learning.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.	Dec 2020 – Present <i>Durham, NC</i>
Machine Learning Intern <i>Microland Limited</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).	Jan 2020 – Mar 2020 <i>Bangalore, India</i>
Trainee Decision Scientist Intern <i>Mu Sigma</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.	Jan 2019 – Apr 2019 <i>Bangalore, India</i>

PROJECTS

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

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: AWS Machine Learning Certified, 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.