PRANAV J IYER

Citizenship: INDIA	**DOB:** 21-03-19
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Permanent Address	54/803 Seawoods Estates, Opposite Palm Beach Road, Sector 54,56,58, Nerul, Navi Mumbai, Maharashtra 400706

Objective	A hardworking and dedicated individual with the grit and vision to build and solve problems. My interests span the areas of Data Science, Data Analytics and Machine Learning. I look forward to the plethora of opportunities and challenges offered by the ever-growing industry in the realms of Data Science and Machine Learning to engage and deliver change on a global scale.

Educational Qualifications

Grade	School/College	Board/University	Year of Passing	%/CGPA
10th	DAV Nerul	CBSE	2014	10
12th	DAV Nerul	CBSE	2016	93.8
B.Tech.	Manipal Institute of Technology	Manipal Academy of Higher Education	2020	8.42

Branch	Computer Science and Engineering

	Sem 1	Sem 2	Sem 3	Sem 4	Sem 5	Sem 6	Sem 7	Sem 8
GPA	8.96	8.41	8.39	8.38	8.5	7.91	-	-
CGPA	8.96	8.69	8.58	8.53	8.52	8.42	-	-

Electives	Big Data Modelling and Management, Sustainable Development, Air and Noise Pollution, Business Intelligence

Areas of Interest	Data Science, Sustainable Development , Data Anaytics, Big Data Management

Technical Activities

Internships	• Intern at Mindtree, Bangalore: Illustrated a sentiment analysis software used to classify sentiment of tweets/comments. Within it, built provisions to detect word frequency, sentiment based on search key to determine overall customer experience. • Intern at Shudh Labh, Bangalore: Presented a comparative study for municipal solid waste generated in Bangalore v/s India as a whole. Arrived at a data driven baseline for the company's profitability and sustainability based on their costs and well performing services.
Projects	• Developed an economic model based on Smart Parking Technology to reduce congestion by enabling better management of parking spaces on city roads. • Implemented a software for mechanical control of a hand gesture controlled 'Servant bot' based on input received from the camera. • Implemented a Parallel Semantic Sentiment Analysis which proposes a method to analyze the feelings of the tweets in a semantic and parallelizable way in CUDA and OpenMPI to monitor public opinion about a company's product. • Compiler development: Built a compiler for Haskell 98 functional programming language from scratch for ensuring user-supplied type signatures are correct. • Developed a Queryable Music Library using a relational database in SQL for enhancing user experience by building a schema with playlists, favourite songs and most played.

Technical Skills

Programming Languages and Software Packages	C, C++, Java, Python
Operating Systems	Windows, Linux

Certified Courses	Python Data Structures, Introduction to Big Data, Intro to Data Science, Getting Started with Python, Big Data Integration

Extra Curricular Activities

- Presented a seminar report on my work in the reservation model and ticket pricing model for smart parking.

Social Responsibility Activities

- In my tenure as an intern I worked with Mindtree's CSR named I Got Garbage (IGG) that helps the garbage collectors improve their incomes through use of technology.

References

Ashalatha Naik, HOD, CSE Department, asha.nayak@manipal.edu
Karan Rai Bahadur, Head of Consulting: Social Inclusion, Karan.RaiBahadur@mindtree.com
Ramanan Natarajan, CEO and Promoter Shudh-Labh, ramanan@shudh-labh.in

The above information provided by me is true and have all relevant documents to authenticate the same.
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