

Dowtya Sri Prasanth Vemula

dowtyasriprasanthvemula@my.unt.edu | +1 9408433389

Date: 11.06.2022

I am Dowtya Sri Prasanth Vemula. I'm currently pursuing a Master of Science – Artificial Intelligence program at University of North Texas. I have a deep interest in **Artificial Intelligence, Machine Learning, Deep Learning, NLP and other concepts of Data Science**. I desire to take the Artificial Intelligence experience and use it to create innovations, which can solve real life problems and make life simpler. I have done multiple AI projects like **Smart Attendance using Face Recognition, Satellite Image Classification** and many more. Apart from this, I have worked a lot on concepts of **CNN, ANN, Clustering and many more**. My skills include proficiency in **Python, C/C++, Core Java, and strong web development skills**.

During my Bachelors I worked on a **Satellite Image Classification Project for Land Use & Land Cover Analysis** in which we got the Satellite images and we had classified those images for Tamilnadu Region using CNN. During this I also worked as a Lab Assistant and Teaching Assistant, this opportunity allowed me to expand my horizons and helped me acquire first hand experience tutoring students on python.

After my Bachelors, I have joined “**Honeywell**” - a software company as an Intern where I worked on Forge Core Services on Boarding. I have worked on an automation project involving Employees and RBAC Users. During this, I also made an application using Reactjs for front-end and Fast-API for the back-end.

After my Internship I joined “**Ninjacart**”, which is an Agritech Company, here I developed algorithms for drones which spray fertilizers to plants in a shorter period of time. Ninjacart mostly uses java as a Backend so I learned Java and also Spring & Spring boot. As part of my job role, I had to train my colleagues in the Company using KT Sessions called Knowledge Transfer Sessions a part of training solutions, designed specifically for the purpose of formal training. I was the Scrum Master in the Project Team in which I had gained the Leadership skills & Project Management using JIRA (An Atlassian tool for Assigning Tasks & Sprints in the work). Due to my curiosity, I worked with Software Architect team, Product Managers and learnt a lot from them. This improved my Networking skills and gave me first-hand experience in the Corporate Culture.

The experience I gained over the past few months has motivated me to pursue higher studies in the field of Artificial Intelligence. The endless possibilities have always fascinated me. Currently I'm working on developing an **AI Lawyer Model** – the idea behind this is to create an AI Model which can work on different case studies as a Lawyer would. Apart from this, I am also working on an application dealing with the **GPT Models** and other models that could code without manual help.

I am confident that my skills will align well with the goals of your research work. This opportunity will not only align with my interests but will also allow me to learn and explore more. I'm attaching my resume and my recommendation letters for reference. Please consider my request for any Assistantship under your guidance.

Thank you for your time and consideration.

Sincerely,

[Dowtya Sri Prasanth Vemula](#)

Some of my achievements:

- 318/340 in GRE
- ALL INDIA 93rd Rank in National Engineering Olympiad.
- 90% Scholarship for Bachelors – 67th Rank in Amrita Entrance Examinations
- State 2nd in Kwest Maths Olympiad
- State 6th in AP Polycet Examination
- Selected for the Campus Ambassador Internship Program with NEO Educational Foundation