

a. As an intern in Spoonshot what do you want to achieve in 8 weeks?

During my internship, I wish to bring my current skills in Machine Learning to practical use in the beautiful growing environment of Spoonshot. Interning at the company, in addition to the application of these skills, would allow me to build upon them by working side-by-side with the best in the sphere of Artificial Intelligence. Particularly their specific applications to the food industry in performing innovative research into the properties of every ingredient and how they finally pan out together to in a dish to be served. At the end of this exclusive opportunity, I would like to have contributed to Spoonshot's work and aided the company during my internship.

b. What is your motivation in the field of Data Science / Machine Learning?

My initial exposure to machine learning was in the Inter-Hostel Competition, to predict housing prices based on numerous parameters, conducted by the Technical Society of IIT Madras. Though my results in the competition were not significant, the spark in me had already been lit. My simple model for the competition showed me the boundless potential of Machine Learning to solve vast and complex problems, including the ones Spoonshot aims to solve. Ever since, I have followed my path to further my knowledge in the field by following online courses such as the ever-famous course by Andrew NG, along with Summer Camps for Machine Learning, Deep Learning and Neural Networks. Spoonshot would prove to be an excellent setting for me to progress from classroom based Machine Learning to see it in practice.

c. If you are given a full time offer as a Data Scientist in Spoonshot what is your dream problem which you would like to solve?

If I were given the opportunity to function as a permanent Data Scientist at Spoonshot, I would like to work on an algorithm for the optimisation of meals of customers based on their daily routines and activities in their work environment, history of past food intake, their health conditions and finally a recipe that is perfect yet equally simple to improve their daily intake according to their various diet regimes such as vegan, vegetarian, keto and the numerous others which would lead to a healthy future.