I am Udit Saxena and I am currently pursuing my Masters in Computer Science at the University of Massachusetts, Amherst.

Having worked as a Google Summer of Code intern with MLPACK, an open source C++ machine learning library, I was tasked with developing Multi-class AdaBoost algorithms, and weak learning algorithms like the Perceptron, a single layer neural network, and Decision Stumps. After my internship ended, I continued as a core contributor at MLPACK : https://github.com/mlpack/mlpack/graphs/contributors

I have previously worked at Sprinklr, a social media analytics startup, where I worked with the core team deploying and integrating large scale social media analytics systems across more than 20 social networks and worked with Java, MongoDB, and Elasticsearch. At Sprinklr I was responsible for Integrations – integrating various social networks like Twitter, Under Armour Record, Wordpress – as well as enterprise CRMs – SAP Hybris, SAP C4C – and was also working on the API team for both internal and external integrations.

At Adobe, as an intern with the Adobe Captivate team, I was tasked with building a User Analytics feature for the team to ensure data driven insights for new and present features being added to the product.

At UMass Amherst, as part of my course curriculum, I particularly enjoyed the course “Systems for Data Science” where we were introduced to the internal motivations and working of popular large scale systems such as MapReduce, Apache Spark, FlumeJava, Google BigTable and Google File System.
Further, as part of a group project for the graduate level course “Machine Learning”, I have worked on using Recurrent Neural Networks to generate natural language descriptions of Videos using a sequence to sequence model analogous to a language translation model of the encoder-decoder architecture.

Working with Prof. Navneet Goyal as an undergraduate, I have also worked on Real Time Gesture Recognition Systems using Multivariate Time Series Analysis where I was able to establish an early stopping criterion for faster gesture recognition, and achieved a 93 percent recognition rate on the AUSLAN dataset.

I enjoy being challenged and like working on projects which require me to work outside my comfort and knowledge set and at the same time call into play my hands-on experience in the industry and draw from my research-oriented work in the past. I believe I would be a good fit for the role. Looking forward to hearing from you.