

Aadil Islam '21

Summer 2019

I used Byrne Scholar funding to support my stay in Laurel, Maryland for an internship at the Johns Hopkins University Applied Physics Laboratory. I participated in a data science camp with seven other undergraduate interns. Our objective was to build a pipeline that assesses the credibility of documents in a corpus using an unsupervised, graph analytics-based approach. My main contribution was developing additional features for our pipeline's gaussian mixture model to use for clustering, particularly by extracting the sentence-level syntactic structure of documents. After this project, I built a pipeline for document classification purposes, ie. whether a given article provides insight regarding the China Belt & Road Initiative.