
































Rajeev Atla

Contact  rajeevatla.com  hi@rajeevatla.com  RajeevAtla  rajeev-atla  rajeevratla			
Programming  Python  Java  JavaScript  SQL			
Technologies  NumPy  PyTorch  Pandas  Scikit-learn  Git Markup  L ^A T _E X  Asymptote  HTML  CSS  Markdown			
Tools  Emacs  Ubuntu  Windows			
		 Education	
2021 – 2025		- Rutgers University — New Brunswick  Triple major in Computer Engineering, Computer Science, and Statistics/Mathematics  Minor in Data Science  Potential Minor in Operations Research  Potential Certificates in Quantitative Economics or Computational Economics  Extracurriculars: Engineering Honors Academy, IEEE, Quantitative Finance Club, Competitive Programming Club, Engineering Honors Council, Alliance of Computer Scientists, Math Association, Statistics Club, Quidditch	
2017 – 2021		- John P. Stevens High School  Scored a 35/36 on ACT  Took 19 AP exams (National AP Scholar) and 8 honors classes  5.56 Weighted GPA & 4.07 Unweighted GPA  Extracurriculars: Science Bowl (President), Science League (President), Science Olympiad (President), Physics Club (President), Chemistry Club (President), Quiz Bowl, National Honor Society, Science National Honors Society, National Technical Honor Society, National English Honor Society, Mu Alpha Theta	
2020 – 2021		- Columbia Science Honors Program  Took <i>Introduction to Algorithms</i> and <i>Graph Theory</i>  Selected as one of ~2000 applicants from the tri-state area (NJ, NY, CT)	
		 Projects	
2020 – 2021		- SuperconGAN: Superconductivity and GANs  Used PyTorch to construct and train a generative adversarial network (GAN) to analyze superconductivity data  Withdrew data from UCI Machine Learning Repository using Pandas  Published package on PyPI with 20,000+ downloads  Wrote unit tests using Pytest  GitHub Repository: https://github.com/RajeevAtla/SuperconGAN	
2019 – 2021		- rajeevatla.com  Used Jekyll and GitHub Pages to publish personal website  Blogged on various technical subjects including physics and math	
Aug. 2020		- Sentiment Classification on IMDb Movie Reviews  Lead a team of 5 in using Sklearn and Pandas to construct an F1-based model to classify movie reviews as positive or negative  Achieved 90.5% accuracy using linear bigram tf-idf	
May 2021		- Travel App  Designed mobile app to give iconic tours of areas along with 4 team members  Wrote controllers and models for MongoDB using Mongoose ORM  Utilized Flutter for frontend and Express.js and MongoDB for backend  Placed 2nd at HackExeter 2021	
		 Awards	
March 2020		- US Physics Olympiad Qualifier  Placed in top 400 out of 5,000+ on F=ma exam, based on knowledge of calculus-based mechanics and physical intuition  Final exam cancelled due to COVID-19  https://www.aapt.org/physicsteam/2020/upload/2020-USAPhO-Qualifiers_v3.pdf	
2019, 2021		- NJIT Chemistry Olympics  Utilized knowledge of organic and inorganic chemical nomenclature, as well as general chemistry knowledge  Lead nomenclature team to 3rd place in 2021 and 4th place in 2019 (2020 canceled due to COVID-19)  Lead demonstration show team to 4th place in 2019  Selected to represent high school out of 200+ applicants	