


Rajeev Atla

Contact  rajeevatla.com  hi@rajeevatla.com  RajeevAtla  rajeev-atla  rajeevratla	<hr/>	Education  Rutgers University — New Brunswick <ul style="list-style-type: none">Triple major in Computer Engineering, Computer Science, and Statistics/MathematicsMinor in Data ScienceExtracurriculars: Engineering Honors Academy, IEEE, Quantitative Finance Club, Competitive Programming Club, Engineering Honors Council, Alliance of Computer Scientists, Math Association, Statistics Club, Quidditch
Programming Python Java JavaScript SQL	2021 – 2025	John P. Stevens High School <ul style="list-style-type: none">Scored a 35/36 on ACTTook 19 AP exams (National AP Scholar) and 8 honors classes5.56 Weighted GPA & 4.07 Unweighted GPAExtracurriculars: 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
Technologies NumPy PyTorch Pandas Scikit-learn Git	2017 – 2021	Columbia Science Honors Program <ul style="list-style-type: none">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)
Markup L ^A T _E X Asymptote HTML CSS Markdown	2020 – 2021	Projects  SuperconGAN: Superconductivity and GANs <ul style="list-style-type: none">Used PyTorch to construct and train a generative adversarial network (GAN) to analyze superconductivity dataWithdrew data from UCI Machine Learning Repository using PandasPublished package on PyPI with 20,000+ downloadsWrote unit tests using PytestGitHub Repository: https://github.com/RajeevAtla/SuperconGAN
Tools Emacs Ubuntu	2020 – 2021	rajeevatla.com <ul style="list-style-type: none">Used Jekyll and GitHub Pages to publish personal websiteBlogged on various technical subjects including physics and math
	2019 – 2021	Sentiment Classification on IMDb Movie Reviews <ul style="list-style-type: none">Lead a team of 5 in using Sklearn and Pandas to construct an F1-based model to classify movie reviews as positive or negativeAchieved 90.5% accuracy using linear bigram tf-idf
	Aug. 2020	Travel App <ul style="list-style-type: none">Designed mobile app to give iconic tours of areas along with 4 team membersWrote controllers and models for MongoDB using Mongoose ORMUtilized Flutter for frontend and Express.js and MongoDB for backendPlaced 2nd at HackExeter 2021
	May 2021	Awards  US Physics Olympiad Qualifier <ul style="list-style-type: none">Placed in top 400 out of 5,000+ on F=ma exam, based on knowledge of calculus-based mechanics and physical intuitionhttps://www.aapt.org/physicsteam/2020/upload/2020-USAPhO-Qualifiers_v3.pdf
	March 2020	NJIT Chemistry Olympics <ul style="list-style-type: none">Utilized knowledge of organic and inorganic chemical nomenclature, as well as general chemistry knowledgeLead nomenclature team to 3rd place in 2021 and 4th place in 2019Lead demonstration show team to 4th place in 2019Selected to represent high school out of 200+ applicants
	2019, 2021	
