



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		Education
					Rutgers University — New Brunswick <ul style="list-style-type: none">⦿ 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	
					2021 – 2025	
					2017 – 2021	John P. Stevens High School <ul style="list-style-type: none">⦿ 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 <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)
					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 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 <ul style="list-style-type: none">⦿ 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 <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 negative⦿ Achieved 90.5% accuracy using linear bigram tf-idf
					May 2021	Travel App <ul style="list-style-type: none">⦿ 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
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