Abhijit Gupta

abhijit.gupta@yale.edu (919) 812-9038

800 Greystone Crest Way, Cary, North Carolina 27519

Objective

Passionate and highly motivated data science student seeks opportunity to further skillset, network, and develop innovative products through a 2020 Summer technical internship.

Education

Yale University - Computer Science BS/MS and Economics BA   (2019 - Present)
North Carolina School of Science and Mathematics - W.GPA 4.85/5.00   (2017 - 2019)

Skills

Programming Languages: Python (Numpy, Pandas, TensorFlow), Java, C/C++, Matlab, R

Machine Learning Algorithms: Regression, SVM, K-Means, PCA, Neural Networks

Selected Coursework: Differential Equations, Multivariable Calculus, Vector Calculus (ongoing) Numerical Analysis, Data Structures, Systems Programming (ongoing)

Experience

FIRST Robotics Competition (FRC) Team 5511, Cortechs Robotics - Captain (2015 - 2019)
- Led team of forty, handled budget of over $50,000, built 100+ pound robots, competed in the international FRC challenge, spread STEM education to underserved communities
- Quality Award at the World Championships in 2017, Ranked 3rd in North Carolina

University of North Carolina - Chapel Hill - Astrophysics Researcher   (2017 - 2019)
- Studied the effects of general relativity on the quadrupole oscillation of compact objects
- Poster Presentation at the Southeastern Section American Physical Society 2018 Meeting

North Carolina School of Science and Mathematics - CS Club President   (2018-2019)
- Led preparation for the USA Computing Olympiad and local programming competitions

Awards and Recognitions

- Represented NC at the American Regional Mathematics League   (2016 - 2019)
- Regeneron Science Talent Search (STS) Scholar   (2019)
- FIRST Robotics Competition (FRC) Dean's List Finalist Award   (2018)

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- First Place Team (Nationally) in the Modeling the Future Challenge (2018)