# SHANTANU LAGHATE

Home: 806 Morris Tpke Apt 5I, Short Hills, NJ 07078 ◇ Univ: 4376 BPO Way, Piscataway, NJ 08854

(862) 252-5698 ◇ shantanu.laghate@rutgers.edu

shon615.github.io ◇ linkedin.com/in/shantanu-laghate ◇ github.com/shon615

## EDUCATION

**Rutgers University - New Brunswick**                    September 2016 - Present
Engineering Honors Academy - Class of 2020                    Cumulative GPA: 4.000
Class Rank: 1/909, Dean's List Fall 2016, Spring 2017
Electrical and Computer Engineering & Computer Science double major, Mathematics minor

## SKILLS

| | |
|---|---|
| **Computer Languages** | Java, Python (NumPy, Pandas, Matplotlib, Scikit-learn), Git |
| **Leadership** | Critical Thinking, Time Management, Collaboration, Team Building |

## EXPERIENCE

**NJ Governor's School of Engineering and Technology (GSET)**       June 2017 - July 2017
*Residential Teaching Assistant/Counselor*
*GSET is a prestigious summer program at Rutgers for top NJ high school scholars.*
· Gained leadership, time management, communication, and mentorship skills by working with 10 counselors and 72 students daily for 4 weeks. Developed technical skills in Data Science, Machine Learning (regression and classification algorithms), and Mathematics through leadership of student research projects.
· Responsibilities: Mentor for 2 student research groups, Teaching Assistant for 2 classes, Residential Assistant
· Produced research paper: *Predicting Volatility in the S&P 500 through Regression of Economic Indicators*

## ORGANIZATIONS

**Rutgers Competitive Programming (RUCP)**                    December 2016 - Present
*Founder and President*
*RUCP organizes and trains team to compete in international programming contests. Officially recognized student organization.*
· Took initiative to organize weekly meetings, recruit members (10+ active), advertise through social media.
· Developed problem solving skills through weekly problem sets and local contests in topics including Discrete Mathematics, Dynamic Programming, Graph Theory, and String Processing.

**Rutgers Engineering Honors Council (REHC)**                    January 2017 - Present
*First-Year Mentorship Program Chair*
*REHC hosts community service events aimed at improving the Engineering Honors Community at Rutgers.*
· Hosted Engineering Challenge Spring 2017, 30+ participants. Developed logistical planning experience.
· Planned 6 events for 2017-18 year. Aimed to pair first-year engineers with upperclassmen mentors, aid with networking, and obtain research and internship opportunities.

## RELEVANT COURSES

| Current (Fall 2017) | Completed | |
|---|---|---|
| Digital Logic Design (with lab) | Data Structures | Multivariable Calculus |
| Principles of E.E. I (with lab) | Probability | Discrete Math (with proofs) |
| Statistics | Intro to Linear Algebra | Engineering Mechanics: Statics |
| Software Methodology | Differential Equations | Intro to MATLAB |