Shreyas Rane

4700 Kingsessing Ave. Philadelphia, PA 19143
shreyas.rane@rutgers.edu | (248) 413-7954

EDUCATION

RUTGERS UNIVERSITY

BA in Computer Science
Expected May 2020 | Camden, NJ
College of Arts and Sciences
Dean's List (Spring 2019, Fall 2019)
Cum. GPA: 3.49

LINKS

Github:// twopiaresquared
LinkedIn:// shreyas-rane-760a9b155/

COURSEWORK

COMPUTER SCIENCE

Design and Analysis of Algorithms
Data structures
Network Security
Operating Systems
Computational Number Theory
Numerical Methods
Optimization Methods

MATHEMATICS

Advanced Linear Algebra and Differential Equations
Multi-variable Calculus and Advanced Calculus
Discrete Mathematics and Probability

SKILLS

PROGRAMMING

Over 5000 lines:
C++ • Python • JavaScript • Matlab
SQL • HTML/CSS • LaTeX
Over 1000 lines:
JAVA • PHP • Flask • Assembly
Familiar:
Ruby • iOS • Android • MySQL

PUBLICATIONS

MATHEMATICS AND I.T

[1] S. Rane. On statement analysis and logical anomaly. *International Jouranl of Philosophy and Social sciences*, 2017.

[2] S. Rane and A. Ashesh. Marine data centres. *International Journal of Information Technology*, in press.

SELECT PROJECTS

RUTGERS- CAMDEN UNDERGRADUATE REVIEW | Founder and Editor-In-Chief

Dec 2019 – Present | Camden, NJ
• Working on a research journal consisting of 30 articles which provides a platform for the student at Rutgers to publish their academic papers expected to be subscribed by over 5000.

HEALTH CREDIT PROVIDER | BA and Developer

September 2019 – December 2019 | Camden, NJ
•Implemented (HTML/CSS, JavaScript)front end, back end(Python Flask, SQL Alchemy) for the website which locates over 3000 providers in the US.

AUTOMATED FUTURES TRADING |Developer

Dec 2019 – Present | Camden, NJ
• Developed an automated trading call generator based on linear Regression/ Taylor Series algorithm. • Python implemented the algorithm and JavaScript/ Tableau displayed statistical data.

EXPERIENCE

RUTGERS ELRA | Tutor

June 2019 – Present | Camden, NJ

- Constructed over 100 lesson plans for students using Tadpoles and attended over 50 training session for Early Childhood studies

RUTGERS VPVA | Community Ambassador

October 2018 – June 2019 | Camden, NJ

- Worked along with a team of 5 members and arranged over 50 events like social-awareness lectures, community clean-ups, shelter and food for homeless and Camden gentrification.

MOTILAL OSWAL FINANCIAL SERVICES | Executive Equity Advisor

June 2015 – July 2016 | Mumbai, India

- Analyzed over 1500 stocks using Bloomberg Terminal and produced financial models to generate buy/sell calls which helped the clients and generated cumulative revenue of over 10 million for my firm.

MOTILAL OSWAL FINANCIAL SERVICES | Intern

Feb 2015 – May 2016 | Mumbai, India

- Interned for the Vice-President and attended over 50 events and meetings within 3 months while communicating trading recommendations to over 200 clients everyday.

UNIVERSAL MUSIC GROUP | Performing Artist

Feb 2015 – May 2016 | Mumbai, India

- Performed over 100 concerts and four television appearances in continents of Asia, North America and Europe.
- Released an EP (Tales from the Tides) and an album (Spellbound). Which is available in physical form and digitally making over 50,000 sales.