

Rohil Sheth

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Education

University of Pennsylvania, School of Engineering and Applied Science Philadelphia, PA

- BSE in Systems Engineering, Minors in CS and Engineering Entrepreneurship Expected in May 2023

Selected Coursework: **CIS 120: Programming Languages and Techniques**, **ECON 001: Microeconomics**, **EAS 203: Engineering Ethics**, **Writing Seminar: Star Wars Music**, **MEAM 101**; Credit in Multivariable Calculus, Linear Algebra, and Differential Equations

Selected Clubs: 180 Degrees Consulting, Penn Aerospace Club (Rocket Team and Operations), Science Olympiad at University of Pennsylvania (Finance and Event Supervisor), Penn Raas

South Brunswick High School South Brunswick, NJ | June 2019

- SAT Scores: 800 in Mathematics | 800 in Reading and Writing | 800 Math Level 2
- Honor Graduate, High Honor Roll, Cumulative GPA: 4.54

Selected Clubs: Science Olympiad (Executive Board Captain), Boys' Cross Country, Boys' Track and Field, Boys' Swimming, School Senate, National Honor Society, Math Honor Society, Science Honor Society, Latin Honor Society

Experience

180 Degrees Consulting, Consultant September 2019 - Present

- Provided social impact consulting recommendations for Fortune 500-level companies and non-profits
- Analyzed financials/product data to advise for channel distribution, pricing, marketing and market expansion

Likefolio, Data Analytics Intern June 2019 - Present

- Developed a financial model and trading algorithm for cryptocurrencies based off of social media datasets using R
- Conducted modeling and trend research for major sectors and S&P 500-level companies

Environmental Commission of South Brunswick, Board Member June 2018-Present

- Made decisions for protection, development, and use of natural resources within the township
- Supervised marketing, social exposure, and awareness for commission-led community initiatives
- Interfaced with mayor and councilmen and women to strategize new policies

South Brunswick Science Olympiad, Captain September 2016 – June 2019

- Managed recruiting, operations, marketing, and team growth/development for a team of 40 members
- Interfaced with sponsors, administrators, and local/national companies to manage a budget of \$5000+

Research

New Jersey Governor's School of Engineering and Technology, Rutgers University July 2018

- Utilized Solidworks CAD/FEA software to design and test an artificial satellite applicable for space use.
- Took classes in aerodynamics, material science, modern physics, and robotics with significant associated lab experience.
- Founding member of the New Jersey Governor's School Alumni Association

Visualization Laboratory, Rutgers University June - September 2017

- Utilized MATLAB to create a simulation of grain flow and volcano growth of a small scoria volcano under Dr. Karen Bemis
- Research products presented at the IAVCEI 2017 conference in Portland, Oregon

Community Initiatives

CS First South Brunswick, South Brunswick School District October 2017 – Present

- Founded a cost-free computer science education organization to serve elementary schoolers of all backgrounds
- Developed CS curriculum and managed operations/logistics for the delivery of instruction to 80 students and 3 teaching assistants
- Interfaced with principals and school administrators on a weekly basis to operate effectively

Skills, Interests, and Awards

Skills: Java, Python, OCaml, Matlab, R, Community Involvement, Business Development, Financial Modeling, Investing

Interests: Formula One, Space Exploration, Music, Trading, Reading Biographies

Awards: US Presidential Scholars Program - Finalist, National Merit Finalist, IACF NJ Scholarship Awardee