

ROHIL SHETH

mechanical engineering student at the university of pennsylvania

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EXPERIENCE

Data Analytics Intern

Likefolio

June 2019 – Ongoing

- Fully developed a cryptocurrency buy/sell signal based off of Likefolio social media datasets for investor use
- Conduct modeling and trend research for current indicators and signals

Appointed Board Member

Environmental Commission of South Brunswick

June 2018 – Ongoing South Brunswick, NJ

- I make decisions and recommendations pertaining to protection, development, and use of natural resources within the township

Legislative Intern

Assemblyman Andrew Zwicker

Nov 2016 – Jun 2017 South Brunswick, NJ

- Researched policy initiatives; provided constituent services

RESEARCH

NJ 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.

Visualization Lab

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

Founder of 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 curriculum and managed operations/logistics for over 80 students and 3 teaching assistants

VISION

*Driving Innovation in the
Entrepreneurial Space Industry*

SELECTED AWARDS

 **US Presidential Scholar Finalist**
Department of Education honoree

 **National Merit Scholar**
Top 1% of PSAT scores

 **IACFJ Scholarship Recipient**
Inagaural Scholarship Honoree

TEST SCORES

SAT: 1600/1600

SAT Physics: 790

SAT Math II: 800

TECHNICAL SKILLS

Solidworks

R

Java

Python

Matlab

AutoCAD/Fusion360

EDUCATION

B.S.E in Mechanical Engineering and Applied Mechanics

University of Pennsylvania

August 2019 – May 2023

High School Diploma

South Brunswick High School

Sept 2015 – June 2019

- Science Olympiad – Executive Board Member
- Boys' Cross Country and Track and Field
- SBHS School Senate
- Science Honor Society
- Math Honor Society
- Latin Honor Society
- National Honor Society