

# Neel Shah

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## Objective

Senior-year high school student interested in computer science, math, science, and economics.



## Education

### South Brunswick High School

Sep 2017 – Jun 2021 | Monmouth Jct., NJ

- ❖ High Honor Roll student
- ❖ National Merit Scholarship Semifinalist

#### Honor Societies:

- ❖ National Honor Society
- ❖ Subject Areas – Business, Math, Computer Science, Latin

Relevant Courses – AP Computer Science A, Mobile App Development, Data Structures, Virtual Reality & Game Design, AP Calculus BC, AP Statistics, Multivariable Calculus & Linear Algebra, AP Physics 1, AP Physics C, AP Chemistry, AP Microeconomics



## Experience

### Software Engineering Intern | Bloomberg LP

Jul 2020 – Aug 2020 | Dayton, NJ

- ❖ Worked on the Environment Support Site Reliability Engineering team, which is responsible for automating machine turnaround/maintenance for a fleet of 30,000+ servers.
- ❖ Performed agile web development, working with Angular and React on the frontend (using TypeScript) and a Django RESTful API on the backend (using Python) to visualize turnaround statistics.



## Programming Skills

Languages – Java, Python, JavaScript, TypeScript  
Frontend – HTML, CSS, React, Angular  
Backend – Flask, Django

Testing – Jest, Enzyme, Mock Service Worker  
App Development – Android  
Version Control – Git, GitHub



## Extracurricular Activities

### Science Olympiad Team

2017 – Present

- ❖ Competed with teammates in science-based events at tournaments including regionals, states, and invitationals (held at Yale University, Princeton University, and the University of Pennsylvania).
- ❖ Have received medals at the NJ States Tournament, Islip Invitational, and Yale Invitational in Game On, Fermi Questions, and Astronomy, respectively.

### LaunchX Entrepreneurship Program

2019 – Present

- ❖ Led a team of 4 in developing a business concept, plan, and prototype for a project called Techognize (involved creating an interactive, augmented reality platform for student learning).
- ❖ Have submitted business pitches to the NASA Conrad Challenge, the Blue Ocean Competition, and the University of Michigan's Startup High School program.
- ❖ Recognized as a 2020 NASA Conrad Innovator.

### Computer Science Club

2018 – Present

- ❖ Created projects involving web development and Python programming.
- ❖ Hackathons – HackTCNJ 2018, HackSB 2018, HackSB 2019, HackPHS 2019

### Chemistry Olympics Team

2018 – 2019

- ❖ Worked in a group of 3 to create a homemade sunscreen, conduct an experiment to test its effectiveness, and write a research paper describing our findings.
- ❖ Won 2<sup>nd</sup> place for Chemistry Research at NJIT's Chemistry Olympics competition.

### Volunteering

2017 – Present

- ❖ Tutored at Kumon, South Brunswick Public Library, and South Brunswick HS.
- ❖ Worked in the kitchen at the South Brunswick Senior Center.