

# NEIL MATHUR

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## EDUCATION

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**University of Virginia** Charlottesville, VA

**Expected B.A.: Dec. 2020**

*Echols Scholar (top 5% student) in the College of Arts and Sciences*

Intended Bachelor of Arts in Economics and Mathematics, **GPA: 3.88/4.0**

**Lenape High School** Medford, NJ

**Sep. 2013 – Jun. 2017**

**GPA: 4.87/4.0; AP Scholar; SAT – 2210/2400**

- Received scholarship for outstanding performance in social sciences and school scholarship for music and leadership
- Leadership roles within the marching band, National Honor Society chapter, and ping pong club

## WORK EXPERIENCE

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**Radify Labs: Innovation Team**

**Aug. 2018 - Present**

- Selected by the founders of Radify to be a member of the elite Innovations team for high-performing Satellite students
- Gained real-world experience as a consultant for clients such as Barrel Oak Winery in Fauquier County, VA
- Strategized directly with clients to use data science and marketing techniques to achieve increased growth and sales

**University of Virginia** Charlottesville, VA

**Dec. 2017 – Present**

Research Assistant at the McIntire School of Commerce

- Performs literature reviews using the UVA database system to create high-level article summaries
- Uses qualitative and quantitative data analysis methods to understand societal behavior from scraped tweets

**Babylon Micro-Farms** Charlottesville, VA

**Jul. 2018 – Aug. 2018**

Data Science Intern

- Gathered data on pollution and water consumption for an emerging urban farming company
- Created engaging data visualizations using Excel and Tableau for investors and marketing campaigns

**Kumon Learning Center** Moorestown, NJ

**Oct. 2013 – Jun. 2014, May – Jul. 2017**

Teaching Assistant

- Collaborated with coworkers at team meetings to standardize tutoring methods for mathematics
- Initiated the usage of Excel to track and visualize students' progress

**Music and Arts** Marlton, NJ

**Jul. 2015– Oct. 2015**

Seasonal Rental Specialist

- Led store campaign to offer individualized attention to rental clients which resulted in a 20% increase in rentals
- Assisted parents and young music students in selecting rental instruments

## RELEVANT COURSEWORK

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Principles of Microeconomics and Macroeconomics; Calculus I, II, and III; Probability and Statistics; Financial Accounting; Linear Algebra; Computer Applications; Foundations of Commerce

## ACTIVITIES

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**Radify Labs: Foundations Bootcamp**

**May 2018 – Aug. 2018**

- Participated and excelled in a selective data science and computer programming online camp to gain experience with R, Python, Tableau and web design techniques
- Extracted 25 years of data from the Bureau of Labor Statistics to create an analysis of unemployment rates according to racial group and educational level using R, Excel, and Tableau for data analysis and visualizations

**Sustained Dialogue**

**Feb. 2018 - Present**

- Speaks with other students about issues facing students, particularly Asian minorities, while brainstorming ideas to overcome these challenges

**First Year Players**

**Aug. 2017 – Present**

- Plays in pit orchestra for student-run musical productions
- Rehearses with a group of musicians weekly in preparation for biannual production