

Ananth Raman

Bridgewater, NJ • +1-908-381-1509 • ananthsraman2007@gmail.com

Education

Bridgewater-Raritan High School

GPA: 5.02 | SAT: 1590 | National Merit Finalist | NJ Seal of Biliteracy (Spanish)

Bridgewater, NJ

Class of 2026

Coursework (all 5s): AP Computer Science Principles, AP Computer Science A, AP Statistics, AP Calculus BC, AP English Language & Composition, AP United States History, AP Physics C (E&M), Calculus III, Differential Equations

Research & Publications

Theoretical Machine Learning Research

Advised by Prof. Ambuj Tewari

Generation from Noisy Examples (2025)

• First-author paper, International Conference on Machine Learning (27% acceptance rate)

Multiclass Online Learning under Bandit Feedback (2024)

• First-author paper, International Conference on Algorithmic Learning Theory (35.5% acceptance rate)

Apple Tasting: Combinatorial Dimensions and Minimax Rates (2024)

• Second-author paper, Conference on Learning Theory (35.7% acceptance rate)

University of Michigan

Ann Arbor

9th-12th

Academic Enrichment

Columbia Science Honors Program

10th

Rutgers Young Scholars Program in Discrete Mathematics

9th

New York Mathematics Circle High School Summer Program (Top Level)

10th

EnCORE Institute/NSF FinDS Advanced Summer Program

11th

Competitive Mathematics

7th-12th

• 4x AIME Qualifier, ARML Qualifier, BRHS Math League Varsity Team Member, & NJML Winner

Programming

6th-12th

• Completed Harvard CS50X Course | Proficient in Java, Python, Lua, and C

Music

Carnegie Hall's National Youth Orchestra of the United States of America—*East Asia Tour*

12th

Carnegie Hall's NYO2—*World Orchestra Week and Dallas*

11th

New Jersey Youth Symphony—*Principal Trumpet*

9th-12th

National Trumpet Competition—*Qualified for Live Rounds*

11-12th

NAfME All-Eastern Orchestra—*Principal Trumpet*

11th

NJMEA All-State Wind Ensemble & Orchestra—*Principal Trumpet*

9th-12th

CJMEA Region Wind Ensemble & Orchestra—*Principal Trumpet*

9th-12th

BRHS Top Wind Ensemble, Symphony Orchestra, and Jazz Band—*Section Leader*

9th-12th

Tri-M Musical Mayhem Competition—*1st Place*

10th

Music of the Heart Community Orchestra—*Principal Trumpet*

11th

Princeton Brass Band Youth Solo Competition—*Winner*

8th

Community Service

Online Academic Tutor, Upchieve (300+ hours)

8th-12th

Tri-M Music Honors Society

10th-12th

Spanish National Honors Society

10th-12th