

## Dennis Kats

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### Education

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**The Scholars' Academy**, Rockaway Park, NY (June 2018)

GPA (Weighted): 101.81

**Northeastern University**, Boston, MA (Expected by May 2022)

Major: Computer Science & Mathematics

Current GPA: 3.895

### Work Experience

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**Private Math Tutor** (Summer 2017 – March 2018)

Teaching Experience with: 4<sup>th</sup> & 5<sup>th</sup> grade math, SAT Math, & SAT Subject Tests Math Level I & II.

Content Knowledge: up to Calculus III and Linear Algebra

**Peer Tutor** (Winter 2015 – May 2018)

Subjects included: Geometry, Algebra I & II, Calculus I & II, Physics, Chemistry, & Computer Science

**Teacher Intern** (October 2017 - May 2018)

Subjects: 7th Grade Science & AP Physics C: M

Responsibilities: creating answer keys, grading assignments, & file management.

**Volunteer at Intech 21** (Summer 2012, 2013, & 2014)

Responsibilities: assembling & calibrating power meters, data management, inventory management, & observing other applications of electrical engineering and computer science.

### Leadership Positions

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**Assistant Teacher for AP Computer Science A**

Responsibilities: creating & teaching lessons, creating examples, & creating & grading student assignments.

**Math Team Co-president**

Responsibilities: creating & teaching lessons, hosting competitions, & organizing Pi Day activities.

**Assistant Manager of Middle School Mathletes**

Responsibilities: assisting students with questions and time management, & competition administration.

**Head of (Newspaper) Layout**

Responsibilities: designing & assembling the layout of school newspaper, & gathering pictures & stock images.

### Skills

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**Programming Languages and Frameworks**

(Good): Java, Processing, Swing, Python, Racket;

(Familiar): HTML, CSS, Javascript, Bootstrap, Lisp, C#

**Graphic Design & Video Editing**

Using Adobe Photoshop, Adobe InDesign, & Adobe Premiere Pro.

### Awards and Recognition

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| • <b>Twice First Place in School AMC 12 Math Competition</b> (Grades 11 & 12)            | • <b>National Honor Society</b> (Grade 10-12) |
| • <b>First Place in School National Science League for Physics Competition</b> (Grade 9) | • <b>National AP Scholar</b> (Grade 12)       |
|  | • <b>AFSA Leadership Award</b> (Grade 12)     |
|  | • <b>Excellence in Mathematics</b> (Grade 12) |

### Links

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**Website:** <https://denk0403.github.io/>

**Github:** /denk0403

**HackerRank:** @denk04031