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Robin Han

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EXPERIENCE

NYC Interscholastic Mathematics League | *Division Coordinator* Spring 2019 – Present

- Writing questions for the NYCIML Contest for the Sophomore-Freshman division.
- Ensuring that the contests are written on time, reviewed by several people, and sent to each school.

Morgan Stanley | *Software Engineer Intern* Summer 2019

- Coded scripts in Python that run server-side for TWikipedia, a Wikipedia page designed solely for internal use
- Constructed and optimized algorithms that cross-linked related topics and entries through regex
- Restructured the visualization of nodes in graphs using D3 in JavaScript

Java Training Class | *Teacher* Spring 2019 – Summer 2019

- Teaching Java syntax and algorithms to middle school and high school students
- Devising weekly lessons and creating homework to assign to the students

J.H.S 190 Math Team | *Mentor/Coach* Fall 2017 – Summer 2019

- Prepared over 20 students for the MATHCOUNTS competition through weekly two-hour lessons.
- Constructed a syllabus for the two-week summer program and organized other high schools to teach over 120 underprivileged students

EDUCATION

Carnegie Mellon University *BS in Computer Science anticipated May 2023*

- School of Computer Science
- *Coursework:* Principles of Imperative Computation; Mathematical Foundations of Computer Science; Great Ideas for Computer Scientists; Cognitive Psychology; Matrices and Linear Transformation

Stuyvesant High School *Stuyvesant Diploma June 2019*

- Cumulative Unweighted GPA: 96/100
- *Coursework:* Software Development; System Level Programming; AP Computer Science; AP Calculus BC; AP Physics C; Multivariable Calculus; AP Statistics

Coursera, Google CSSI Summer 2019

- Selected to participate in Google's Computer Science Summer Institute-Coursera online program.
- Enrolled in "How to Build a Recommendation System" to learn how to design recommendation algorithms given user input.

edX Summer 2018

- Introduction to Computational Thinking and Data Science (MITx)
- Artificial Intelligence (ColumbiaX)

HONORS

- United States of America Computing Olympiad (USACO) Platinum (Perfect Score) 2019
- United States of America Mathematical Olympiad (USAMO) Qualifier (2x) 2018 – 2019
- American Invitational Mathematics Examination (AIME) Qualifier (4x) 2016 – 2019
- American Math Competition (AMC 12) Distinguished Honor Roll (2x) 2017 – 2018
- Selected out of approximately 300 students to represent NYC Math Team A at math competitions (ARML, NYSML, HMMT, PUMAC) 2015 – 2019
- 3rd place at Philadelphia Classic (PClassic) Programming Competition, Standard Division 2018
- Eagle Scout 2018

LEADERSHIP

Boy Scouts of America, Troop 1 | *Senior Patrol Leader* Winter 2018 – Spring 2019

Stuyvesant Varsity Tennis Team | *Captain* Fall 2018 – Spring 2019

East Coast Educates | *President / Founder* Fall 2018 – Summer 2019

SKILLS

- *Languages:* Proficient in Java and Python; Experienced in HTML, CSS, C, SQL, JavaScript
- *Editors:* Familiar with Eclipse, Atom, Emacs, Vim, Excel