

David Wang

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"Allez en avant, et la foi vous viendra."
Keep going, and faith will catch up with you.
– Jean d'Alembert

Education

Great Neck South High School

High School Diploma

August 2017 – June 2021

Great Neck, NY

Hofstra University

B.S. in Mathematics

September 2021 –

Hempstead, NY

Documents

Scholastic Aptitude Test (SAT), SAT Subject Tests, Advanced Placement (AP) Exams

[SAT score report](#) and [AP report](#) linked on my website.

Experience

Institute for Ultrafast Lasers and Spectroscopy (IUSL)

Research Intern

May 2018 – August 2018

City College of New York

- Conducted research under mentorship of Professor Robert Alfano and graduate student Sandra Mamani.

Mathnasium Syosset

Math Tutor

September 2021 – February 2022

- Tutored kids (age range kindergarten to high school) in a diverse range of topics: anything from fractions to calculus.

Hofstra Computer Science Department

Research Student

January 2022 –

- Conducting algorithmic research in infinite group theory under the direction of Professor Gretchen Ostheimer.

Accolades & achievements

Provost's Scholar – *Fall 2021 semester*

SpringBoard Incubators College Hackathon (team) – *First Place*

Nassau County Math Competition (team) – *Second Place*

USA Biology Olympiad – *Semifinalist, National Top 100*

National Science Bowl (team) – *Regionals First Place, Nationals 21st*

Science Olympiad (team) – *Regionals First Place, States First Place, Nationals 19th*

WAC Science Fair – *Second Place*

Long Island Science Congress – *Honorable Mention*

Columbia Science Honors Program – *Student*

National Latin Exam – *3x Gold Medalist*

Varsity Fencing (team) – *County Champions, Individual Top 4 Foil*

Interdisciplinary skills

Journalism

Skills include, but are not limited to: pre-researching, interviewing, communicating, revising, and of course, writing.

- Prior student journalism experience at Stanford's Newsroom by the Bay, NYU's Urban Journalism Workshop, and Stony Brook's Robert W. Greene Institute. Former editor-in-chief of high school's newspaper, *The Southerner*.

Programming

In C, C++, Java, Kotlin, Python, and Rust, as well as several stylistic languages—HTML, CSS, and \LaTeX .

- I enjoy competitive programming on sites such as Codeforces or Project Euler. P.S. This document was created with \LaTeX .

Last revised 4/25/2022.

Please note that clicking any underlined words will take you to their corresponding link.