

Allen Fang

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EDUCATION

BACHELOR OF SCIENCE AND ENGINEERING (B.S.E.)

Princeton, NJ

Princeton University | Expected: June 2028 | GPA: 3.86/4.00 (UNWEIGHTED)

2024-2028

Intended Concentration and Certificates: Chemical and Biological Engineering; Bioengineering, Materials Science

Relevant Coursework: Calculus III (MAT 201), Linear Algebra (MAT 202), Physics: Mechanics and E&M (PHY 105, 104), Organic Chemistry I and II (CHM 301, 304), Computer Science (COS 126), Quantum Chemistry (CHM 305), Differential Equations (MAE 305), Intro to Chemical and Biological Engineering Principles (CBE 245)

Activities and Societies: AROTC Cadet, Club Hockey, Club Lacrosse, Undergraduate Chemical Society, Biomedical Engineering Society, Society of Asian Engineers, American Whig-Cliosophic Society, Princeton Political Review (Staff Writer), Chess Club

HIGH SCHOOL DIPLOMA: SUMMA CUM LAUDE (HIGHEST HONORS)

Groton, MA

Groton School | Graduated: June 2024 | GPA: 93.47/100 (UNWEIGHTED)

2020-2024

Activities and Societies: Boys Varsity Hockey (Captain), Boys Varsity Lacrosse, Diversity & Inclusion Prefect, Peer Tutor, Classics Club Head, Circle Voice (Student Newspaper) Sports Editor, Zebra Tales (Admissions) Blogger, Admissions Tour Guide, Young Republicans Head

Awards: New England Science Teachers' Award (Issued by MIT), Rensselaer Medal, Headmaster's Inclusion Scholar Award, All-ISL Honorable Mention (Ice Hockey; 2022, 2023), All-NEPSAC Honorable Mention, All-ISL First Team (2024)

EXPERIENCE

U.S. ARMY

Princeton, NJ

AROTC Cadet

Sep 2025-Present

- 3x weekly PT (M, W, Th; 0620-0730)
- 1x weekly field training lab (F; 1215-1530)
- 1x weekly Military Science class (Th; 0730-0930)

PRINCETON UNIVERSITY

Princeton, NJ

Undergraduate Student Researcher (Knowles Group)

Sep 2025-Present

- Working on a project concerning the selective functionalization of pyridine and its synthetic implications

PRINCETON UNIVERSITY

Princeton, NJ

CHM 301 UCA (Organic Chemistry I Undergraduate Course Assistant)

Sep 2025-Present

- Together with a graduate student TA, run one 90 minute precept section per week for 10-20 undergraduate students
- Hold weekly office hours, assist in the construction of problem sets, attend weekly TA meetings

BIOHAVEN PHARMACEUTICALS

New Haven, CT

Research Intern

Jun-Aug 2025

- Developed a comprehensive analysis of current ADC conjugation technologies, proposing data-driven recommendations to advance site-specific conjugation strategies
- Led a strategic business development review, delivering insights on ADC market trends and actionable steps to optimize Biohaven's pipeline
- Guided a high school intern through ADC research and professional development, including co-authoring a business development presentation to provide hands-on experience in scientific communication and strategic decision-making

GROTON SCHOOL

Groton, MA

GRACE Program Teaching Assistant (Chemistry), TA (Advanced Physics: Mechanics)

Nov-Jul 2024

- Led office hours/chemistry study hall; taught/tutored 20+ students (2 hrs., 4x/week)
- Worked with course instructor; drafted lesson outlines and wrote problems for quizzes, problem sets, and tests
- Guided 30+ students during physics office hours (2 hrs., 4x/week), assisted course instructor in answering students' questions outside of class time
- Directed 80+ rising 10th graders during dorm check-ins and large and small group activities

SKILLS

- Basic knowledge and limited competency with CAD software, InDesign, and WordPress
- Languages: professional working proficiency in Latin, limited working proficiency in Chinese