

Nathan Zhang

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Education

Carleton College, Northfield Minnesota

Expected Graduation June 2027

- Bachelor of Arts in Computer Science, Biochemistry Minor, pre-medicine track, 3.94 GPA

Century High School

Graduated June 2023

- Honors Diploma, 4.0 Unweighted | 4.88 Weighted GPA (Class Rank 2)

Experience

Summer Undergraduate Research Fellowship, Mayo Clinic Nephrology and Hypertension

June-September 2024

- Applied Varian Eclipse software to contour organs at risk for photon and proton therapy patients
- Collaborated with M.D.A.s and M.D.s to enhance planning and treatment precision for radiation therapy

Contouring Specialist Internship, Mayo Clinic Radiation Oncology

June-September 2024

- Applied Varian Eclipse software to contour organs at risk for photon and proton therapy patients
- Collaborated with M.D.A.s and M.D.s to enhance planning and treatment precision for radiation therapy

Lab Assistant, Carleton College Computer Science Department

September 2024-Present

- Schedule drop-in lab hours to help students understand class content from various CS classes
- Assist professors with grading material and provide feedback to students

Prefect, Carleton College Chemistry Department

December 2025-Present

- Organize chemistry prefect sessions to guide students through class-specific material
- Employ pedagogical strategies to teach problem solving strategies

Community Service

Ronald McDonald House, Rochester, MN (130+ Hours)

July-September 2025

- Provided support for patients and families by managing daily necessities, allowing them to focus on treatment
- Coordinated with volunteers and staff to organize events and offer assistance as necessary

Food Recovery Network, Carleton College

March 2025-Present

- Recover leftover food from Carleton College dining halls and distribute to various community centers
- Coordinate with staff and volunteers to ensure that food is recovered and labeled with relevant information

Eagle Scout, Troop 97 Senior Patrol Leader, Boy Scouts, Rochester, MN (200+ hours)

April 2016-July 2023

- Designed and implemented bat house project at Oxbow Park, preserving endangered bat population
- Planned Troop 97 trips, led meetings of 10+ scouts, guided community service projects

Honors and Awards

- 2025 Gilman Scholar
- 2023 National Merit Scholarship Recipient
- 2023 Academic All American (Swimming)

Skills

Language: English (Native Language), Chinese (ACTFL Advanced Proficiency, Basic reading)

Computer Science: Proficient in Java, Python, C, Scheme; Basic Proficiency in R, HTML, CSS