

# 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)
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## 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
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## 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
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## Honors and Awards

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