DANIEL HARRINGTON

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Portfolio: danielharrington.me/

EDUCATION

B.Sc. Physics, Tufts University   *(in progress–May 2026)*

Minors: Mathematics, CS

Relevant Courses:
- Linear Algebra - use of MATLAB and applications to CS and geometry
- Modern Physics - includes Python challenges, e.g. graphing spacetime diagrams and Lorentz transforms
- Multivariable Calculus, Physics I/II (past)

Spring Term Courses (planned):
- Differential equations, Data Structures, Electronics, Bridge to Higher Mathematics

HS Diploma, Honors with Distinction, Foundation Academy, Western Academy of Beijing

- National Merit Scholar Finalist

EXPERIENCE

Tufts SEDS Club – Radio Telescope Team Member   *(Fall 2022-)*
- Involved in developing and constructing 3 meter educational radio telescope
- Coordinate with department, facilities for safe construction
- Perform and report on dish and assembly structure and geometry calculations

Western Academy of Beijing Opportutoring Club – Chapter Director, Tutor   *(Fall 2019-Spring 2021)*

- Planned and taught live online English lessons to refugees; aided in scholarships and TOEFL practice; ran meetings; coordinated with international partner groups
- Spoke on panel to whole school faculty on organization mission and equity advocacy

Western Academy of Beijing STEMx Club – Co-leader   *(Fall 2019-Spring 2021)*

- Organized and led interactive workshops for 4th graders in various STEM areas
- Developed experiments; ran meetings; organized schedules, collaborated with faculty

SKILLS

Software: Python (Pandas, numpy, matplotlib), C/C++, JS, web development (React, HTML/CSS), SQL, Git, Excel, LaTex *(See portfolio).*

Hardware: Electronics, soldering, CAD (Fusion360)

Other: Team leadership and organization, communication and time management, teaching, problem solving, intermediate Chinese language