

Adam Field

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EDUCATION

Worcester Polytechnic Institute, Worcester, MA

May 2027

B.S. in Physics

GPA: 3.38/4.0

Attleboro High School, Attleboro, MA

June 2023

High School Diploma

GPA: 3.9/4.0

EXPERIENCE

Research Assistant, Professor Izabela Stroe, Worcester, MA

Sept 2023 - May 2024

- Utilize Igor Pro to graph data while looking for trends and patterns.
- Created an automated graphing solution in Matplotlib.

Assistant Scoutmaster, Troop 61, Norton MA

Nov 2022 - Present

- Attend events as an experienced Eagle Scout, helping the youth when necessary and teaching valuable skills.

Troop Guide, National Youth Leadership Training, Plymouth MA

2019-2022

- At NYLT I went through training on how to communicate effectively and lead a group of people.
- For 3 years I was a Troop Guide who trained a small group of youth in communication and leadership.

SKILLS

Programming/Software Skills: Office, Python, Java, JavaScript, HTML, CSS, GLSL, Three.js, Matplotlib, Latex

Relevant Coursework: Vector And Tensor Calculus, Modern Physics, and Solar Systems

PROJECTS

Eagle Scout Project

Aug 2020

- Designed dugouts, including benches and sun covers in solidworks.
- Fundraised and acquired the materials
- Lead a group of scouts to build the dugouts and refurbish the wiffleball field

Black Hole Initiative

June 2024 - Present

- Currently working on a gravitation lensing digital camera filter under the advisement of Dominic Chang.
- Learned JavaScript, HTML, CSS, Three.js, and GLSL for the project.

HONORS

WPI Presidential Scholarship, Worcester Polytechnic Institute, Worcester MA

Aug 2023

WPI Merit Grant, Worcester Polytechnic Institute, Worcester MA

Aug 2023

High School Diploma with Honors, Attleboro High School, Attleboro, MA

June 2023

NHS, Mu Alpha Theta, National Language Honor Society

2021-2023

Excellency in Physics, American Association of Physics Teachers

May 2023