

Adam Field

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EDUCATION

Worcester Polytechnic Institute, Worcester, MA

May 2027

B.S. in Physics

GPA: 3.40/4.0

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 Python using 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: Solar Systems, Electromagnetic Fields, Electromagnetic Theory, Intermediate Mechanics I and II

PROJECTS

Eagle Scout Project

Aug 2020

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

Black Hole Initiative

June 2024 - Present

- Currently working on a gravitation lensing digital camera filter under the advisement of Dominic Chang.
- I learned JavaScript, HTML, CSS, Three.js, and GLSL during my time working on this project.

Physics Undergraduate Portfolio

December 2024 – Present

- This is a personal project where I hope to house physics simulations and YouTube videos I create.

Previous Jobs

Peer Learning Assistant: Principles Of Physics-Mechanics

Fall 2024

- Professor Kallan Berglund's active learning style classroom

Peer Learning Assistant: General Physics-Electricity And Magnetism

Fall 2024

- Professor Rudra Kafle's active learning studio style classroom

Peer Learning Assistant: Oscillations And Waves

Spring 2025

- Professor Thomas Noviello's active learning style classroom

HONORS

WPI Presidential Scholarship , Worcester Polytechnic Institute, Worcester MA	Aug 2023
WPI Gordon Lankton Scholarship , 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