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Ethan Alker

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EDUCATION

Bachelor of Electrical Engineering
Rochester Institute of Technology

August 2022 - June 2026 (expected)
GPA: 4.0

Main Courses: Digital Systems I, Circuits I, IC Technology

Regents Diploma with Advanced Designation and Honors
Lewiston Porter Senior High School

September 2018 - June 2022
Weighted GPA: 102.475, Rank: 9/170

Main Courses: AP Physics C, AP Calculus AB/BC, AP Chemistry

WORK EXPERIENCE

Notetaker
National Technical Institute for the Deaf Notetaking Team

January 2023 - present
Rochester Institute of Technology

- Process and assemble information quickly and efficiently to produce high quality notes on class material in real time
- Practice \LaTeX and markdown skills to produce well formatted and easily readable notes with professionally formatted equations
- Arrive to class consistently and punctually

PROJECT

Research on Carcinogen Deposits in Heated PVC Pipes
International Student Science Fair

June 2022

- Designed a methodology for detecting carcinogen deposits in water from heated PVC pipes, simulating possible drinking water contamination from wildfires.
- Presented the research at an international science fair hosted by Lewiston Porter High School

SKILLS

Programming C, Rust, Python, Git, \LaTeX , Markdown, TI-Basic

Hardware Design Quartus, ModelSim

Other Github, LibreOffice/MS Office