

+1 (716) 523-5187
Rochester
ealker1@mail.rit.edu

Ethan Alker

GitHub: ethanalker
LinkedIn: ethan-alker

EDUCATION

Bachelor of Electrical Engineering
Rochester Institute of Technology

August 2022 - June 2026 (expected)

Main Courses: Digital Systems I

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

September 2018 - June 2022

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

PROJECT

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

June 2022

- Designed a methodology for detecting carcinogen deposits in PVC after applying heat in order to test whether wildfires could potentially contaminate drinking water.
- Presented the research at an international science fair hosted by Lewiston Porter High School and made connections from all over the world.

SKILLS

Programming Python, JavaScript, Rust, C, Git, L^AT_EX, TI-Basic, Markdown

Hardware Design Quartus

Other Github, LibreOffice/Microsoft Office