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

Ethan Alker

GitHub: ethanalker
LinkedIn: ethan-alker

EDUCATION

Bachelor of Electrical Engineering   **August 2022 - June 2026 (expected)**
Rochester Institute of Technology

Main Courses: Digital Systems I

Regents Diploma with Advanced Designation and Honors   **September 2018 - June 2022**
Lewiston Porter Senior High School

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

PROJECT

Research on Carcinogen Deposits in Heated PVC Pipes   **June 2022**
International Student Science Fair

- 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 and made connections from all over the world.

SKILLS

Programming   Python, JavaScript, Rust, C, Git, LaTeX, TI-Basic, MarkDown

Hardware Design   Quartus

Other   Github, LibreOffice/Microsoft Office