

Rakeb Elias

rakeb.elias77@gmail.com | (703) 362-2785 | 5235 Residence Drive, Erie, PA 16563

SUMMARY

First-year college student with a strong academic foundation in mathematics, science, and language, demonstrated through rigorous AP and college coursework. Interested in engineering, chemistry, and energy, with a goal of gaining hands-on laboratory, internship, and research experience. Hoping to enhance my problem-solving and technical skills, as well as my academic background.

EDUCATION

Thomas Jefferson High School for Science and Technology

Aug. 2021 – Jun. 2025

AP Scholar with Distinction

Alexandria, VA

- **GPA: 3.85/4.0**
- **Relevant Coursework:** AP Calculus AB, AP Calculus BC, AP Chemistry, Computer-Aided Design (CAD), Engineering Design, Prototyping/Development 1 & 2

Pennsylvania State University

Aug. 2025 – Present

Chemical Engineering, B.S.

Erie, PA

- **Relevant Coursework:** CHEM 110, CHEM 111, MATH 251

VOLUNTEER EXPERIENCE

Create for Kids

2024 – 2025

President of the Alexandria, VA chapter

Alexandria, VA

- Hosted events where volunteers made cards/activity kits for hospitalized kids
- Oversaw event planning and media, provided supplies

Academic Tutoring

2023 – 2024

Volunteer tutor

Alexandria, VA

- Worked with Schoolhouse Tutoring to provide SAT tutoring for the reading and writing sections
- Volunteered for Spanish Honor Society as a Spanish tutor to lower-level students

Addis Lidet International Church Media Team

2024 – 2025

Team member

Silver Spring, MD

- Filmed church services, operated camera equipment, helped edit sermons and videos to be posted
- Organized with the rest of the team and ran on a smooth schedule to ensure maximum efficiency for the team

RESEARCH EXPERIENCE

Astronomy Lab, Thomas Jefferson High School for Science and Technology

2024 – 2025

- Gained valuable research skills such as literature review, writing lab reports, collaboration with research peers
- Used engineering techniques such as Fusion 360; learned how to use slicing software & operated FDM printers in the engineering lab

SKILLS & INTERESTS

- **Technologies:** Fusion 360, PrusaSlicer, Excel/Google Sheets
- **Skills:** Collaboration; Time Management; Communication; Problem-Solving; Organization; Eager to Learn
- **Interests:** 3D Design; Writing; Biking; Baking