

ANDREW KURTZ

CONTACT



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WEBSITES, PORTFOLIOS, PROFILES

- www.linkedin.com/in/andrew-kurtz-7a6b1230b
- <https://afkurtz.github.io>
- <https://github.com/AFKurtz>

SKILLS

- Python
- MATLAB
- C/C++
- Process Data Analysis
- Power Systems
- Linux
- Electronics & Circuits
- SolidWorks
- Problem-Solving
- Quick learner

AWARDS

Eagle Scout Troop 84 | Sigma Pi Sigma,
Physics and Astronomy Honor Society |
NASA New Jersey Space Grant
Consortium Academic Fellowship - Fall
2023

EDUCATION

December 2025

Master of Engineering Electrical Engineering

Stevens Institute of Technology, Hoboken, NJ

Concentration in Robotics And Autonomous Systems Engineering &
Certificate in Power Systems Engineering

- 3.93 GPA

May 2024

Bachelor of Science Physics

Seton Hall University, South Orange, NJ

Minor in Applied Scientific Mathematics

- 3.66 GPA
- magna cum laude graduate

PROFESSIONAL SUMMARY

Offering background in analytical thinking and teamwork, with strong desire to develop in professional setting. Brings ability to quickly grasp new concepts and adapt to dynamic environments, paired with foundational skills in research and report writing. Ready to use and develop problem-solving and communication skills in engineering role. Seeking engineering or research roles in nuclear energy, reactor systems, aerospace, or advanced power and controls environments.

EXPERIENCE

June 2025 - August 2025

Chemical Engineering Summer Intern *DSM-Firmenich*, Newark, NJ

Analyzed reactor and batch process data using Seeq and PI DataLink, identifying performance trends and supporting process optimization initiatives. Collaborated with cross-functional engineering teams to troubleshoot production inefficiencies and improve batch reliability.

September 2023 - May 2024

Teaching Assistant *Seton Hall University*, South Orange, NJ

Conducted labs for Introductory Physics II, Electronics, and Advanced Laboratories. Created and guided lab experiments, including circuit analysis and radiation safety.