

Aubrey J Kennedy

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EDUCATION

Johns Hopkins Whiting School of Engineering, Johns Hopkins University December 2027
Master of Science, Applied Physics

University of Utah – Salt Lake City, UT December 2024
Bachelor of Science, Electrical Engineering
Bachelor of Science, Physics and Astronomy

WORK EXPERIENCE

Associate System Engineer May 2024 – Present
Northrop Grumman | Roy, UT

- Translated regulatory and safety requirements into system-level constraints, verification criteria, and compliant documentation
- Reviewed hardware and software designs to identify credible hazards and realistic failure modes using system safety analyses
- Applied engineering judgment to prioritize operationally realistic risks and drive effective mitigations
- Presented safety assessments to chief engineers, review boards, and government customers, resolving technical concerns
- Recognized with two Northrop Grumman BRAVO awards for contributions to System Safety Engineering and EED/HERO analysis where I saved the company \$10,000

Lead Apple Certified Technician December 2020 – January 2025
Expercom – Apple Authorized Service Provider | Sandy, UT

- Diagnosed and resolved complex macOS and iOS system failures in a high-volume, customer-facing environment
- Led escalated troubleshooting and data recovery efforts, balancing speed, accuracy, and customer impact under pressure

Physics Peer Mentor August 2022 – April 2023
University of Utah | Salt Lake City, UT

- Taught and served and college-level physics students as a paraprofessional.

PROJECTS

CubeSat Systems & Telemetry Engineer - Capstone Project January 2024 – December 2024
University of Utah

- Demonstrated knowledge of applied electromagnetics by developing the telemetry system and link budget analysis for a CubeSat. Programmed readable IMU GPS data for Raspberry Pi to move servos to correctly calibrate and position the chosen antenna.

SKILLS

Personal: Technical Troubleshooting, Technical Support, Scrum Master, Earned Value Management, French (Professional), Spanish (Intermediate), AWS, Hazard Analyses, Holding Stakeholder Meetings

Software: Python, C++, Java, MATLAB, LabVIEW, Ansys HFSS, Jira, Confluence (Agile Management)

COMMUNITY ENGAGEMENT

Volunteer & Member May 2022 – Present
Citizen's Climate Lobby | Salt Lake City, UT

- Completed a Climate Advocacy Certificate; represented constituents in congressional meetings and authored recurring local newspaper articles translating technical topics for a general audience.