

Lukas Hezel

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SUMMARY

Motivated Computer Engineering student seeking my first professional internship. Proficient in computer engineering through rigorous coursework and diverse university club projects.

Demonstrated success in dynamic, challenging environments, actively participating in projects that stretched my abilities.

Committed to continuous learning and eager to apply technical skills to contribute to innovative projects in a professional setting.

EDUCATION

University of Alabama in Huntsville
Bachelor of Science in Computer Engineering
GPA: 3.781/4.000

Expected Graduation:
May 2026

PROJECT EXPERIENCE

UAH Space Hardware Club: Terminus
Project Software Developer - Huntsville, AL

Nov 2022 – Present

Contributed to the early development stages of a complex, multi-year mission focused on experimenting with satellite constellations for NASA's RockSat programs.

- Collaborated with a dedicated team to develop and implement software solutions using C++ and Git, ensuring seamless integration within a large system of interconnected software.
- Played a key role in crafting programs critical to the success of the mission.
- Acquired valuable experience in handling Controlled Unclassified Information

UAH Space Hardware Club: Two-Month Program
Project Team Member - Huntsville, AL

Aug 2022 – Oct 2022

Engaged in an entry-level program within the UAH Space Hardware Club, contributing to the full lifecycle of a ballooning payload project from concept design to launch.

- Developed and applied technical, team-working, and communicative skills by collaborating with a small, diverse group united by a common mission.
- Orchestrated the seamless integration of electric, mechanical, and software components into a cohesive payload.
- Adapted to unexpected changes and challenges, demonstrating agility and problem-solving abilities while adhering to hard-set deadlines.

TECHNICAL SKILLS

Software:

- C++, Python, Matlab
- JavaScript, HTML
- VHDL
- IDE: VS Code
- OS: Windows, Linux

Hardware:

- Fundamentals of Circuitry
- Capable with function generators, oscilloscopes, and multimeter
- Experience SMD Soldering
- Understanding of sequential logic circuitry