Sarah Lee

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Objective

Aerospace Engineering student seeking an Avionics Internship at Webflow to apply skills in embedded systems, C++, and circuit design to enhance avionics hardware development.

Education

B.S. in Aerospace Engineering   Expected May 2026
University of Skytown, Skytown, ST
GPA: 3.6/4.0 | Relevant Coursework: Avionics Systems, Embedded Systems, Control Systems

Skills

- Technical: C++, MATLAB, Altium Designer, PCB Design

- Analytical: Circuit Analysis, System Testing

- Soft Skills: Communication, Teamwork, Attention to Detail

Experience

Electronics Lab Assistant   University of Skytown   Sep 2023 – Present

- Designed and tested PCB layouts for avionics control systems using Altium.

- Programmed microcontrollers in C++ for flight control simulations.

- Documented test results for system reliability analysis.

Intern   SkyTech Solutions   Summer 2023

- Assisted in integrating avionics hardware with flight control systems.

- Conducted debugging and validation of embedded systems.

Projects

Flight Control System Project   Spring 2024

- Developed a C++-based flight control algorithm for a drone prototype.

- Reduced system latency by 15% through optimized coding.