



## Summer 2026 | Software Systems & Data Architecture Intern

**Location:** DeBary, Florida (on site)

**Duration:** 10 to 12 weeks

**Type:** Paid internship, full time (up to 40 hours per week)

**Start date:** May 2026

**Travel:** Minimal, as required

### Company and Team

Maloy Aircraft is a new aircraft OEM based in DeBary, Florida, developing the MA-1 Blue Jay training aircraft program. Alongside aircraft development, Maloy Aircraft is building an integrated software and training ecosystem that supports professional pilot development through structured data, analytics, and modern learning systems.

This ecosystem requires disciplined software structure, clear data flows, and intuitive user interfaces that support long-term scalability and traceability.

### Role Summary

We are seeking a Software Systems & Data Architecture Intern to support the development of Maloy Aircraft's internal software platforms. This role works as part of an integrated team alongside subject matter experts and a full-stack developer to help define how users interact with the software and how data is collected, structured, and stored.

You will focus on front-end structure, user workflows, and data organization, ensuring that software interfaces and data models are aligned with real operational needs. This is a systems-oriented role that bridges product intent and software implementation.

### What You Will Do

- Work with subject matter experts to understand user needs and operational workflows
- Help define and organize front-end user interfaces in collaboration with the full-stack developer
- Translate user workflows into structured data collection and storage frameworks
- Assist in defining how data is captured, organized, and accessed within the software
- Support development of consistent data structures that enable analytics, reporting, and scalability
- Document interface logic, data flows, and system structure to support maintainability and future development



### **What You Will Bring**

- Currently enrolled in an accredited BS or MS program in Computer Science, Software Engineering, Systems Engineering, or a closely related field for the duration of the internship
- Strong written communication skills and the ability to clearly explain technical aviation concepts
- High attention to detail and strong organizational skills
- Ability to clearly communicate technical concepts to both technical and non-technical team members

### **Nice to Have**

- Exposure to front-end concepts such as UI structure, user workflows, or basic UX principles
- Familiarity with data modeling concepts (schemas, structured data, relationships)
- Experience working on software projects involving data collection or dashboards
- Exposure to product development, system architecture, or software used in operational or technical environments

### **How to Apply**

Please submit a resume and a brief cover note describing your interest in software systems & data architecture. You may also include an optional project sample, diagram, or documentation demonstrating system thinking, UI structure, or data organization you have developed.

Send materials to [careers@maloyaircraft.com](mailto:careers@maloyaircraft.com).

**Application window closes:** March 13, 2026, at 11:59 PM

### **Compliance Notes**

Applicants must be authorized to work in the United States.