

ADAM CRUZ

COVER LETTER

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Dear Hiring Manager,

I am writing to apply for the **Software Engineer (Level 2/Junior Level)** position on your **Automated Weight and Balance System (AWBS)** team. This role represents an ideal combination of my Computer Science studies with my aviation background from Purdue's Professional Flight program. I have always been passionate about both **software engineering** and **aircraft operations**, and this position allows me to apply my knowledge of **weight and balance calculations** alongside my technical skills.

At Purdue, I gained hands-on experience with the systems your team develops. I completed courses in **Aerospace Vehicle Systems Design, Analysis And Operations**, **Turbine Aircraft Operations**, and **Large Aircraft Systems**; these directly relate to what your AWBS team develops. As I complete my Computer Science degree at Westminster, I can see how software can make aircraft operations safer and more efficient.

In my current role at EnableCV, I work through the entire **software development lifecycle**, from **requirements analysis** and **design documentation** to **software development** and **comprehensive testing**. I develop **web applications** using **JavaScript** and create **test plans** and **test procedures** for our software. My work with **API development**, **system integration**, and **database systems** aligns directly with what this role requires.

Throughout my time at Westminster, I have successfully balanced **multiple part-time jobs** while maintaining **Dean's List** status. This demonstrates my **time management** and **work ethic**; I know how to handle multiple responsibilities while maintaining high standards. I am committed to building my career here in Utah as a **software engineering professional**.

What sets me apart is my operational aviation experience. As a **Commercial Pilot** with **Instrument Rating** and **turbine aircraft operations** training, I have seen firsthand how critical accurate weight and balance calculations are for flight safety. My training in **Aircraft Weight & Balance** and **Center of Gravity Calculations** provides insights that most software engineers do not have. I can begin contributing to your AWBS team immediately.

I have always respected Lockheed Martin's leadership in aerospace technology. The opportunity to develop software that impacts **aircraft flight readiness** and **customer experience** worldwide is exactly what I want to do. Additionally, I plan to remain in Utah after graduation, so this represents a long-term opportunity for me to grow with your company.

My military experience as a **Tactical Response Force Flight Chief** taught me the discipline and attention to detail needed for mission-critical systems. I understand **security protocols**, **system reliability**, and **comprehensive testing**; these are crucial for aerospace software.

I am prepared to contribute to Lockheed Martin's mission of ensuring safety and addressing complex challenges. My combination of **software engineering skills**, **aviation domain knowledge**, and **military discipline** makes me a strong fit for this role. I am confident I can be a valuable team member and help your AWBS platform succeed.

Thank you for considering my application. I would welcome the opportunity to discuss how I can contribute to your AWBS team.

Sincerely,

Adam Cruz

