FICTIONAL SAMPLE RESUME

Riley Morgan

Mechanical engineering

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PROFILE

I turn practical mechanical problems into clear designs, thoughtful prototypes, and useful test plans.

EDUCATION

B.S. Mechanical Engineering

Westbridge University | Expected May 2027

EXPERIENCE

Mechanical Design Intern | Northline Fabrication

May-August 2026

- Updated bracket drawings and assembly notes after reviewing shop-floor feedback with a design engineer.
- Compared mounting concepts for adjustment access and documented the checks needed before fabrication.
- Organized revision notes so the team could connect each drawing change to its original issue.

SELECTED PROJECTS

Inspection camera support | Spring 2026

Individual course design study. 50% lower modeled beam deflection. A stiffer beam is only part of the system. Clamp compliance, mount flex, and vibration must be tested separately.

Thermal test fixture | Fall 2025

Fixture layout and test-protocol lead in a four-person course team. One repeatable setup sequence. Good instrumentation cannot rescue an inconsistent setup. Control the location and record the conditions first.

Adjustable sensor bracket | Summer 2026

Concept selection and drawing-review exercise. Selected a slotted mounting concept. Design the adjustment and locking sequence before finalizing the hole pattern.

SKILLS

SolidWorks | Engineering drawings | Design for assembly | Excel | Prototype testing

All names, organizations, work histories, and project scenarios are fictional demonstration material. Modeled or synthetic results are not real-world achievements.