

# Sample Resume: Technical Projects

This resume features a section with technical projects completed at DU. By using this sections, this resume highlights academic achievements that are transferable to work.

## Grace Gold

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### EDUCATION

#### University of Denver, Denver, CO

Expected: March 20xx

Bachelor of Science Mechanical Engineering, Minor in Mathematics

- GPA: 3.92
- Accomplishments: Dean's List (Winter 20xx, Spring 20xx, Spring 20xx)
- Relevant Courses: Applied MATLAB Programming, Engineering Integration I & II, Introduction Mechatronic Systems I with MultiSim and MathCAD, Fluid Dynamics II/Heat Transfer I

Fundamentals of Engineering Mechanical Exam (June 20xx)

### TECHNICAL SKILLS

MATLAB, SolidWorks, ArcGIS, AutoCAD

### PROJECTS

#### Senior Design Project, University of Denver, CO

Spring 20xx

Team Member

- Partnered with Boeing for the design, creation, and implementation of more aerodynamic wings for private and commercial jets
- Gained in-depth cross discipline engineering insight by working with a team of various engineering students
- Presented final project and results to an audience of peers, faculty, staff and clients

#### Solar House, University of Denver, Denver, CO

Fall 20xx

Project Manager

- Planned, designed and created a small model house run entirely by solar energy
- Monitored the ongoing efficiency over a period of three months

#### Self-navigating Rover, University of Denver, Denver, CO

Winter 20xx

Project Manager

- Implemented line following software and ultrasonic sensors to guide rover to follow and avoid obstacles

### EXPERIENCE

#### Rocky Mountain Tech, Denver, CO

May 20xx – Present

Mechanical Engineering Intern

- Utilize SolidWorks to create small scale modeling tasks to deliver to department manager
- Collaborate with mechanical team to plan the implementation of design changes

#### DEnergy, Denver, CO

November 20xx – March 20xx

Mechanical Intern

- Analyzed and developed renewable energy solutions for the Denver Metro Area
- Developed HVAC and plumbing plans through the usage of AutoCAD

### LEADERSHIP

#### Society of Women Engineers University of Denver, Denver, CO

September 20xx – Present

Communications Secretary

- Strategize campus outreach by planning three events a quarter
- Connect with industry professionals to gain student/company relationships

#### American Society of Mechanical Engineers Student Chapter, Denver, CO

October 20xx – May 20xx

Member

- Attended weekly meetings to improve understanding of the mechanical engineering industry
- Mentored incoming first-years about engineering curriculum