

Rhea Farooq

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SUMMARY

Detail-oriented Environmental Engineering student passionate about sustainability with hands-on experience through academic projects and collaboration in diverse teams. Possesses strong technical support capabilities and a commitment to safety regulations. Track record of delivering accurate reports and managing environmental data, enhancing clarity for stakeholders. Skills in project management tools and IT proficiency in environmental software further enhance contributions to practical solutions. Eager to leverage project knowledge while adhering to industry standards and compliance requirements in a growing role at Sigma Green Solutions.

EDUCATION

Bachelor of Science in Environmental Engineering

2026

Colorado State University GPA: 3.6

Fort Collins, CO

Coursework: Environmental Regulations, Waste Management Principles, Data Analysis Techniques, Sustainable Practices

TECHNICAL SKILLS

- **Data Analysis Tools:** Excel, R, Python
- **Presentation Software:** PowerPoint, Google Slides
- **Project Management Tools:** Trello, Asana, JIRA
- **Environmental Software:** ArcGIS, AutoCAD, MATLAB
- **Statistical Software:** SPSS, SAS, STATA
- **Communication Tools:** Slack, Microsoft Teams, Zoom
- **Web Development Frameworks:** HTML, CSS, JavaScript
- **Visualization Tools:** Tableau, Power BI, Google Data Studio
- **Database Management:** SQL, Oracle, MySQL
- **Regulatory Compliance:** EPA Standards, OSHA Guidelines, ISO 14001

SKILLS

- Environmental data analysis
- Technical writing
- IT proficiency in environmental software
- Project management tools
- Team collaboration

EXPERIENCE

Environmental Engineering Intern

January 2026 - Present

University Project

Fort Collins, CO

Engaged as an Environmental Engineering Intern, focusing on waste management and environmental assessments. Support included gathering and analyzing data related to various environmental projects, with emphasis on compliance and documentation thereby ensuring stakeholder alignment and awareness.

- Collaborated on a capstone project focusing on waste management solutions, leading to actionable recommendations for local municipalities.
- Conducted field assessments and data collection to analyze environmental impacts, ensuring compliance with state regulations.
- Utilized software tools to manage and interpret environmental data, enhancing the accuracy of project reporting.
- Developed comprehensive documentation for project findings, improving clarity for stakeholders and project sponsors.
- Participated in team meetings to discuss project progress and strategize next steps, fostering a collaborative working environment.
- Presented project outcomes to faculty and peers, receiving positive feedback for clarity and thoroughness.

Research Assistant

September 2025 - December 2025

University Project

Fort Collins, CO

Served as a Research Assistant supporting projects focused on environmental remediation techniques with innovative solutions for contaminated sites. Engagement involved detailed analysis and preparation for research publications, showcasing adaptability and communication skills.

- Assisted in academic research on environmental remediation techniques, focusing on innovative solutions for contaminated sites.
- Engaged in data analysis using statistical software to evaluate the effectiveness of various remediation strategies.
- Contributed to the preparation of research papers for academic publication, honing technical writing skills.
- Collaborated with faculty on grant proposals, enhancing funding opportunities for future research initiatives.
- Attended workshops on environmental regulations and compliance, gaining insights into industry standards and practices.
- Supported laboratory experiments, ensuring adherence to safety protocols and accurate data recording.

Sustainable Solutions Developer

April 2025

Hackathon Project

Remote

Actively participated in a university-sponsored hackathon creating sustainable urban solutions, highlighting creativity and teamwork in developing technology-driven prototypes for waste management.

- Participated in a university-sponsored hackathon aimed at developing sustainable solutions for urban areas, focusing on waste reduction.
- Worked with a team to create a prototype application that helps users track their waste output and provides tips for reduction.
- Conducted user testing to gather feedback, leading to valuable insights for application improvement.
- Utilized programming languages and data visualization tools to create an engaging user interface.
- Presented the final project to a panel of judges, earning recognition for innovative use of technology in sustainability.
- Gained experience in project management and team dynamics, enhancing leadership skills.

LEADERSHIP & AWARDS

- Dean's List, Colorado State University - Fall 2025
- First Place, University Hackathon on Sustainability - April 2025

CERTIFICATIONS

- Certified in Environmental Management Systems (CEMS) 📅 2026

PROFESSIONAL AFFILIATIONS

- Member, Environmental Engineering Society - 2024-Present
- Volunteer, Local Clean-Up Initiatives - 2024-Present

LANGUAGES

- English (Native)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST