

# Justin Frambes

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Mechanical engineer with experience in continuous improvement, process optimization, and technical problem-solving. Currently pursuing an MA in Design Management to further develop expertise in innovation management, strategic planning, and user-centered design. Demonstrated success collaborating cross-functionally, designing reliable engineering solutions, and driving operational improvements.

## Education

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**University of South Florida**, MS Mechanical Engineering 2023

**Savannah College of Art and Design**, MA Design Management Expected: Spring 2025

- Interdisciplinary program combining design thinking, business strategy, and innovation management
- Develop solutions that align user-centered design with organizational objectives
- Retention Strategy for Engineering Firms Project: Researching and developing a comprehensive system addressing high turnover

## Experience

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**SMS Group**, Mechanical Engineering Intern 2022

- Documented quality inspections and created clear, actionable inspection manuals to improve operational efficiency and reducing errors
- Assisted in the project management of industrial equipment rebuilds

**SMS Group**, Continuous Improvement Engineer 2023 - 2024

- Resolved engineering issues at shop sites nationwide
- Created comprehensive inspection documents and work manuals for new and existing equipment, reducing ambiguity and establishing standard operational procedures
- Designed mechanical solutions, resolving customer issues and enhancing product reliability
- Conducted root-cause analyses of equipment failures and collaborated with colleagues to recommend robust improvements

## Affiliations and Leadership

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**USF Cycling Club**, *President* 2019 - 2023

**SCAD Cycling Team**, *Member* 2024 - 2025

## Skills

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**Technical:** Creo, SolidWorks, Inventor, MATLAB, AutoCAD, Excel, FEA

**Professional:** Design Thinking, Innovation Management, User-Centered Design

**Certified SolidWorks Expert (CSWE – Mechanical Design)** 2019