

**Natalia Piascik**

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**Education**

**University of Florida**

**May 2026**

- Bachelor of Science in Mechanical Engineering
- GPA: 3.9

**Santa Fe College**

**May 2023**

- Associate of Science in Engineering
- GPA: 4.0

**Experience**

**Engineering Intern, Sarasota Medical Products, Sarasota, FL**

**July 2019-  
June 2022**

- Implemented validation procedures that aligned with medical FDA regulations for medical device production machines
- Executed product testing and altered product design to enhance durability of ostomy pouches
- Created preventative maintenance procedures for various machines
- Trained new personnel in company procedures and FDA regulations

**Contemporary Dance Choreographer, Diane Partington Studio of Classical Ballet, Sarasota, FL**

**July 2022-  
Present**

- Choreograph contemporary dances and coach for students aged 8-18
- Alter audio recordings using music editing software
- Network with business owners to increase clientele at community events
- Mentor young dancers to succeed in their endeavors

**Extracurriculars**

**Dream Team Engineering, University of Florida**

**August 2023-  
Present**

- Used Materialize, Meshmixer, and SolidWorks to transform scans of an infant to a physical simulation of a caudal block.
- Worked with the CSSALT lab at the University of Florida to develop a simulation of a caudal block procedure for physicians to learn with

**Volunteer, Habitat for Humanity Gainesville and Sarasota**

**August 2022-  
May 2023**

- Operated power tools and heavy machinery including circular saws and pressurized nail guns
- Installed soffit, exterior siding, and fire proofing to the interior of a house

**Skills:** Computer Aided Design (Certified SolidWorks Associate, Fusion 360), Programming Languages (Python, JavaScript), Materialize, Meshmixer