

# Caleb Costigan

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## Education

Colorado State University, Fort Collins, CO  
Bachelor of Science in Mechanical Engineering  
Current GPA: 3.33

Walter Scott Jr. College of Engineering  
Expected Graduation: May 2024

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## Work Experience

### **Warehouse Associate**

9/28/2022 – Present

Amazon Fulfillment Center, Loveland, CO

- Performed several duties to prepare incoming packages to be delivered, including loading packages onto the correct conveyor belt, stowing smaller packages into designated bags, and loading the bags and oversize packages onto carts to be brought to outgoing trucks
- Worked night shifts between 1:20 am and 11:50 am
- Lifted and sorted bags/oversize packages up to fifty pounds each above shoulder level onto the staging carts

### **Ride Operator**

4/2/2021-8/15/2021

Elitch Gardens Theme and Water Park, Denver, CO

- Operated the Mind Eraser, Turn of the Century, Teacups, and Crazy Bus rides
  - Became one of the fastest and most efficient operators in the park while keeping safety the main priority and was often called upon if a rides line was getting too long
  - Evacuated rides and queues after performing emergency stops quickly, carefully, and calmly
  - Paid very close attention to each ride, the sounds they make, and their restricted zones to ensure they were functioning as intended and nobody could be hurt by them
  - Communicated with guests and other employees when and why a ride could not be operated safely
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## Awards/Accomplishments

- Certified in Mechanical Design at the Professional level and Additive Manufacturing at the Associate level for Dassault Systemes SolidWorks
  - In April of 2019 I was awarded the Academic All-American Award, for maintaining a GPA higher than 3.5 for the whole school year while practicing and competing in USAG competitive gymnastics
  - In February 2020 my team was awarded 3rd place in Catapult Design in the State TSA (Technology Student Association) Competition
  - In spring 2023 my groups mechatronics project, an automated houseplant turntable named P.L.A.N.T, won the mechatronics design competition
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## Skills

- CAD: Mostly uses SolidWorks, but has some experience with Abaqus and ANSYS
- 3D Printing: Used PrusaSlicer to print with PLA
- Manufacturing: Drill press, CNC vertical mill, manual and CNC lathe, vertical and horizontal bandsaws