

Emily Turcotte

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EDUCATION

University of Cincinnati, Cincinnati, OH

Expected Graduation: May 2025

Bachelor of Science, Computer Science

GPA: 3.88

Minor in Business Analytics

Minor in Mathematics

- **Dean's List:** Spring 2022, Fall 2022, Spring 2023, Fall 2023
- **Relevant coursework:** Data Structures, Engineering Design Thinking, Intro to Computer Systems, Theme Park Design, Spreadsheet Analytics, Engineering Ethics, Technical Writing

SKILLS

- C++, Python, Java, C, MATLAB, SQL, VBA

PROJECTS

Theme Park Design, Cincinnati, OH

Fall 2022

- Design a new area for a theme park that meets capacity requirements based off of park attendance by managing number of attractions, restaurants, and facilities
- Create a budget, crowd flow chart, and breakdown of area capacity

LEGO Mindstorm, Cincinnati, OH

Spring 2022

- Collaborated with a team to conceptualize, construct, and program a LEGO robot, enabling it to execute designated tasks with precision
- Managed the Python programming and the testing of the robot
- Maintained organization of the team's design notebook and ensured deadlines were met

EXPERIENCE

Kings Island, Mason, OH

May 2018-Present

Team Lead (previous roles include Certified Trainer and Ride Associate)

- Manage a team of over 40 associates to ensure the safe and efficient operations of a high-capacity ride (Orion) with the goal of providing excellent guest experience
- Complete the daily startup testing of ride control systems (Includes Irvine Ondrey and Altec)
- Maintain efficient operations with over 1,000 riders per hour
- Train associates in a variety of positions such as greeter, separator, bars, dual, and controls
- Resolve guest concerns in a polite and professional manner
- Establish a positive work culture with crew outings and performance incentives
- Develop associates for supervisory roles through goal setting and constant communication

EXTRACURRICULAR ACTIVITIES

Theta Tau

January 2021-December 2021

Tau Delta Chapter (Fall 2021 Liaison)

- Oversaw communication between the CEC department and the chapter

Field Commander

May 2019-November 2019

Madeira Marching Mustangs