Thomas Bentivoglio

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EDUCATION

Case Western Reserve University   May 2027
Bachelor of Science Computer Science and Mechanical Engineering
- Minor in mathematics

Relevant Courses:
- Full-Stack, Data-structures, Algorithms, Discrete Math
- Mechanical Manufacturing, Statics and Strength of Materials, Differential Equations, Thermodynamics

SKILLS/PROJECTS

- Programming: Java, Python, Java Script
  - Made the game 2048 in Java and JavaScript
- Full Stack Development (HTML, CSS, Databases, React, MUI, etc.)
- MatLab
- SolidWorks (CSWA Certified, working towards professional)
  - Designed a water jug lift for elderly people with a team
- Certified in using lathe, mill, basics in CNC machine and water jet
  - Trained in Think[box], demonstrated skills by machining a hammer

LEADERSHIP/ACTIVITIES

CWRUbotix (Case Western Reserve University robotics club)   Present
- MateROV(Submarine robot): Mechanical team and software team
  - Design manipulators and programming the robots autonomous functions using python
- Combat Robotics: Mechanical team
  - Manufacture and design with rapid prototyping using 3D printers

Varsity collegiate wrestling   August 2022-Present
- Balance training and competing along with a double major
- Demonstrate teamwork

Secretary of high school robotics team   November 2020-January 2021
High School Varsity Wrestling Captain   November 2021-February 2022

EXPERIENCE

Seacoast Shores Association Clubhouse, Falmouth, OH   June 2020-August 2020
Dishwasher/Gatekeeper
- Greeted and checked people in and out Clubhouse
- Verified member IDs (Ensuring that renters were allowed only if homeowner was a member)
- Helped in the kitchen (making sure all dishes and utensils were taken care of and providing help wherever needed)

Kirtland High School, Kirtland, OH   June 2024 - February 2025
Assistant Wrestling Coach
- Lead practices while teaching technique, good habits, and discipline
- Communicated complex concepts to my students