

# Joseph Beattie

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## Skills

- **Programming:** Java, Python, C, PICBASIC, LabVIEW
  - **Electrical Drafting:** AutoCAD Electrical, Actrix
  - **Soft Skills:** Email Writing, Presentation Giving
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## Education

- **Milwaukee School of Engineering:** Sept. 2021 – Now
    - Major: Computer Science
  - **Lincoln High School:** Sept. 2018 - June 2021
    - Robotics Team: Nov. 2019 - March 2020
      - I implemented a swerve drive for our robot in the 2019-2020 season.
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## Work Experience

- **Emerging Technologies:** May 2022 - Sept. 2022
  - During my internship at Emerging Technologies, I learned a wide variety of skills, including electrical drafting, wiring, programming with LabVIEW, and microcontroller programming.
- **EnergyBank:** Dec. 2021
  - I helped the company move to their new location, including loading/unloading boxes and pallets, disassembling shelves, and folding/packing boxes.

## Personal Projects

- **Universal Windows 1.x Display Driver:** Feb. 2022 - May 2022
  - The aim of this project is to enable the first version of Windows from 1985 to take advantage of modern graphics cards, allowing it to display millions of colors and fill large modern displays.
- **CollabVM Mini:** Oct. 2021 - Now
  - This project aims to reimplement most of the functionality of CollabVM (a project that shares collaborative virtual machines online for people to take turns using) in C to allow it to be hosted on low-powered devices like routers and smartphones.