

# Alex Ferdico

alexferdico03@gmail.com

- LinkedIn - [www.linkedin.com/in/alex-ferdico-294941a0](https://www.linkedin.com/in/alex-ferdico-294941a0)
- Hard working, motivated Individual.
- Eye for perfection and consistency.
- Organized and efficient

## SKILLS

- Responsible & Honest
- Flexible and Adaptable to solving complex problems
- Willing to learn with an eye for detail
- Independent/Group Problem solver
- Teamwork Minded
- Analytical thinking & Machine Learning Orientated
- Data Structures and Algorithms
- Microsoft Office Suite
- Cad
- Fusion 360

## EDUCATION

### **University at Buffalo, Amherst, NY — Bachelor of Science Degree**

- August 2024 - Present
- Major - Mechanical Engineering
- Stem Student

### **Westchester Community College, Valhalla, NY — Associate of Science Degree**

- September 2021 - May 2024
- Major - Computer Science
- Stem Student

## EXPERIENCE

### **The Garrison, Garrison, NY - Food Runner/Waiter** June 2023 - August 2023

### **Beekman Golf Course, East Fishkill, NY - Groundskeeper**

May -2022 - August 2022

### **J. Murphy's, Cold Spring — Food Runner and Busboy**

May 2021 - August 2021

### **Mansion Ridge Golf Course , Monroe, NY — Groundskeeper**

June 2019 - September 2019

## Programming Languages

- Python 3
- HTML 5
- CSS
- C++
- Java
- MIPS
- Arduino
- OpenCV
- Tensorflow

## PROJECTS

- Advanced Computer Vision project. Using python with Google MediaPipe and TensorFlow to build a custom Machine Learning model to recognize hand gestures, sign language and more such as objects and colors. The project also has hand tracking with x,y,z coordinates and with a percentage of how close the hand or object matches a description.
- Using Fusion 360 I am building a guitar from scratch with my own model and dimensions to my own spec.

References For

## Alex Ferdico

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- Adam Cardonell
- The Garrison
- Manager
- 845-654-1258
- 973-934-7066
  
- Steve Callagy
- Beekman Golf Course
- GroundsKeeping Manager
- 845-235-5355
  
- Zack Merante
- J.Murphy's
- Manager
- 845-240-8780