

# Michael Primavera

[MikhaelRobotics.AI™](#) | [Portfolio](#) | [LinkedIn](#) | [Email](#)

## PROFESSIONAL EXPERIENCE

- |   |                                    |
|---|------------------------------------|
| • Freelance Robotics Engineering and CNC Machining          | MikhaelRobotics.AI™   2025-Current |
| • Algorithmic Trading                                       | Self-employed   2017-Current       |
| • Robotics: Field service engineering & system integration  | Milara Inc.   2022-2023            |
| • Founder: Owned and operated an e-commerce store           | AlphaOmega LLC   2018-2022         |
| • Designed and manufactured custom products in CNC machines | AlphaOmega LLC   2018-2022         |
| • Logistics Manager   | MetalPro USA Inc   2008-2018       |
| • CNC Machinist   | MetalPro USA Inc   1998-2008       |

## EDUCATION

*Bachelor of Science in Robotics Engineering* | Worcester **Polytechnic Institute** | 12/2025 | GPA: 3.92/4.00

Future: Online *MS in Artificial Intelligence* | John Hopkins | Applying 12/2025 for summer of 2026 starting date

## RELATED COURSEWORK

- Major Qualifying Project: Design and production of two CNC mills, with an eleven-person team
- Unified Robotics: Mechanical Applications, Sensing and Perception, Manipulation, Navigation, Intro to Artificial Intelligence in Robotics, Industrial Robotics
- Engineering Software: ROS, SOLIDWORKS, Fusion360, KiCad, MATLAB, Webstorm, VS Code
- Programming: Linux Bash, C, C++, Assembly, Python and Java (Object Oriented), MATLAB, G-code, React, HTML, CSS, Typescript, GitHub (GUI and command line), LaTeX, Universal Robot UR5e, Fanuc DeltaM1iA
- Embedded Systems: Microcontroller programming (MSP430, Raspberry Pi, and PicoCNC), PLC programming (Arduino PLC IDE)
- ECE: Controls Engineering, Circuit Analysis, Software Engineering, Oscilloscope, Multimeter, Soldering
- Math: Multivariable Vector Calculus, Linear Algebra, Differential Equations, Discrete Math
- Physics: Mechanics, Electromagnetism, Statics, Modern Physics, Chemistry (properties, bonding, and forces)
- Business: Entrepreneurship, Microeconomics
- Writing concentration for a humanities capstone project
- Graphic Design: Affinity Designer and Affinity Photo

## ADDITIONAL ACHIEVEMENTS

- Honor Societies
  - Golden Key International Honor Society
  - Alpha Lambda Delta National Academic Honor Society
  - The National Society of Leadership and Success
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