

Michael Primavera

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

PROFESSIONAL EXPERIENCE

- Freelance Robotics Engineering and CNC Machining 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 a CNC mill on an eleven-person team
- Unified Robotics: Mechanical Applications, Sensing and Perception, Manipulation, Navigation, Intro to Artificial Intelligence in Robotics, Industrial Robotics
- Engineering Software: SOLIDWORKS, Fusion360, KiCad, MATLAB
- Programming: Linux Bash, C, C++, Assembly, Python and Java (Object Oriented), MATLAB, G-code, React, HTML, CSS, Typescript, GitHub (GUI and command line), Webstorm, VS Code, 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
- 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
- [Copyright](#) for Part 1 of a poetic trilogy I wrote