

Nick Manos

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EDUCATION

Bridgewater State University

Bachelor of Science, Computer Science

Dec. 2024

Bridgewater, MA

University of Massachusetts Amherst

Coursework: Political Science (Transferred)

Sep. 2017 - Dec. 2018

Amherst, MA

WORK EXPERIENCE

Independent Consultant

May 2020 - Present

Software Consulting for Multiple Clients

Easton, MA

- Built a custom application to monitor and aggregate changes in the price databases of two different stores
- Devised a custom solution for industrial food packaging lines to print the ambient air temperature at time of packing on the product label
- Designed a business application to retrieve unit pricing from an Excel spreadsheet and print an appropriate label upon product weighing
- Developed microcontroller firmware for integration into existing scale equipment which retrieves the correct NutriFacts label from a network server and relays it to the label printer

Bagnell Auto Supply

Delivery Driver

Sep. 2022 – Jul. 2022

Randolph, MA

VOLUNTEER EXPERIENCE

Iron Tigers Robotics Team (FRC #4176)

Jan. 2019 - Present

Software Mentor

Easton, MA

- Guide students through a collaborative design, build, and programming process to create a robot for the annual FIRST Robotics Competition (FRC)
- Advise student leaders on time and resources management techniques in the constraints of an 8 week design-build-program cycle
- Train high school students of all experience levels in robotics software development using Java
- Research the latest tools and components available
- Maintain team software libraries

SKILLS & INTERESTS

Skills:

- *Programming Languages:* Java; Python; Kotlin; SQL; C/C++
- *Technologies:* Git; GitHub; CI/CD; Docker; MariaDB/MySQL; ESP32
- *Operating Systems:* Linux (Ubuntu, Debian, Alpine); Windows

- **Interests:** Home automation; Photography; *Star Trek*