

SAM NEWMAN

+1 857-636-3417

snewman0546@gmail.com - www.linkedin.com/in/s-newman0 - <https://github.com/newmie10>

EDUCATION

BS in Computer Science, University of Massachusetts Amherst Honors College Expected 2027

- **Relevant Coursework:** CompSci 160, 198c (Intro to C), 210 (Data Structures), 220 (Programming Methodology), 240 (Probability and Combinatorics), 250 (Discrete Mathematics), Calculus 1, 2, and Multivariable Calculus, and Linear Algebra.
- **Upcoming Coursework:** CS 311H, (Algorithms), CS320 (Software Development)
- GPA: 4.0

Newton North High School 2019 - 2023

- GPA 3.96 *Newton, Massachusetts*

EXPERIENCE

Intern May 2024 - September 2024
EffortlessHome *Massachusetts*

- Contributed to construction, programming, and development of EffortlessHome integration into Home Assistant
- Learned Agile framework and use of Git and Github to collaborate with a small team and fractionalize workflow
- Learned Docker and PHP to develop smarthome framework on virtual machine
- Integrated API calls from the Home Assistant framework into the REST API backend

Steward May 2024 - August 2024
Watertown Yacht Club *Watertown, MA*

- Managed day to day tasks and daily oversight of the yacht club and its facilities
- Directed the gas dock, repair and maintenance of the member docks and slips, general landscaping upkeep and similar activities servicing and attending to member needs

Salesperson December 2017 - Present
Boston Christmas Trees (Seasonal) *Boston, MA*

- Performed customer sales, service and new employee training over the course of seven years of seasonal work
- Learned valuable skills in salesmanship, organization, teamwork, and customer service

Dockhand July 2022 - September 2022
Constitution Marina *Boston, MA*

- Assisted customers in docking and unloading of boats of all sizes (5-100 ft) in inclement weather; secured lines and performed general cleaning services
- Learned to operate sewage management vessel and co-led disposal for over 200 boats in the marina

PROJECTS

P2P Delivery App: With 4-person team over 48 hours, built MinuteMunch, a React based browser app where students can place orders for Grab N' Gos using the UMass meal swipes program

SimpleCNN: Developing a Convolutional Neural Network in C++ using nothing but basic libraries to identify hand-drawn 28x28 digit images from the MSINT database

SKILLS

Technical Skills: Python, C, CSS, HTML, Java, React, PHP, Docker, JavaScript, TypeScript