

# Danielle Lawton

📍 Harvard, MA   ✉ daniellelawton8@gmail.com   ☎ 978 798 9276   🌐 yourwebsite.com   in danielle-lawton  
🔗 dalawton

## Education

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### Syracuse University

Aug 2023 – May 2027

BS in Computer Science

- **Minor:** Engineering and Computer Science Management
- **GPA:** 3.6/4.0
- **Involvements:** Innovate Orange, Delta Phi Epsilon, Women in National Security, Information Security Club, French Club
- **Coursework:** Data Structures, Computer Organization and Programming Systems, Systems and Networking Programming, Programming Language: Theory and Practice

## Experience

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### Software Engineering Intern

Norwood, MA

EIC Laboratories, Inc.

May 2025 – Aug 2025

- Designed and implemented inventory management systems with PHP, SQL, JavaScript and HTML/CSS to track and optimize stock levels for over 2,000 battery components and finished products
- Developed and maintained relational databases for efficient storage, retrieval and analysis of production and repair information
- Automated ordering processes, including procurement of parts, scheduling and notices of repairs and initiation of battery builds, reducing manual work, improving turnaround time and reducing overall confusion
- Streamlined operations by integrating front-end interfaces with backend systems

### Quality Control Intern

Lowell, MA

DS Graphics — Universal Wilde

May 2024 – Aug 2024

- Conducted thorough inspections to maintain stringent product quality and consistency standards.
- Collaborated with cross-functional teams, including marketing and interns, to brainstorm innovative ideas and strategies to increase customer engagement.
- Assisted in production tasks and mailing operations to support warehouse operations.

## Projects

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### Automated Inventory Management System

[github.com/dalawton/eic-inventory](https://github.com/dalawton/eic-inventory) 🔗

- Developed and maintained a website and database complete with responsive inventory tables, automated purchase order and repair forms as well as tracking pages for complete and incomplete products and repairs
- Tools Used: PHP, SQL, JavaScript, HTML/CSS

### Career Development Discord Bot

[github.com/innovateorange/DiscordBot](https://github.com/innovateorange/DiscordBot) 🔗

- Developed a Discord Bot complete with multiple event handling including filtered jobs and events based on user inputted criteria, as well as links to useful resources when prompted
- Tools Used: Python, Nox, GCP, Discord.py

## Technologies

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**Languages:** Python, JavaScript, PHP, HTML/CSS, SQL, C++, Java

**Technologies:** .NET, Microsoft SQL Server, Git Suite,