

# Gabriel Laboy

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## Education

B.S. in Computer Science

University of Massachusetts Amherst, May 2025

Relevant Coursework: Data Structures, Object-Oriented Programming, Web Programming, Game Design Fundamentals, Introduction to Animation

## Professional Experience

### Data/Truther

SureScan Corporation Mar 2024 - Present

- Supported machine learning workflows by meticulously labeling and validating X-ray image data using internal software tools.
- Collaborated closely with technical teams to identify and escalate software bugs and interface inconsistencies.
- Maintained high accuracy and throughput in a detail-oriented production environment.

### Resident Assistant

University of Massachusetts Amherst Aug 2023 - Present

- Fostered a safe and inclusive residential community by supporting over 40 peers through conflict resolution, event planning, and campus resource referrals.
- Responded to incidents during on-call shifts, enforced university policies, and completed official reports to maintain a secure living environment.
- Collaborated with staff in weekly meetings and ongoing training to strengthen communication, leadership, and crisis management skills.

### Research Assistant

Undergraduate Research Program Dec 2023 - Feb 2024

- Developed and implemented custom web scraping scripts to extract and analyze energy infrastructure data from ElectricMaps.
- Automated data pipelines for consistent updates and storage, improving the efficiency of data retrieval and reporting.
- Documented processes and collaborated with faculty and students on cross-disciplinary research goals.

### Web Development Intern

Global Tech Experience Jun 2023 - Aug 2023

- Designed and developed responsive websites using HTML, CSS, and JavaScript; applied Bootstrap for mobile-optimized interfaces.
- Participated in agile team projects, gaining hands-on experience in web deployment and debugging.
- Created a personal portfolio site and interactive browser games to showcase development skills.

## Technical Skills

Languages: Python, SQL, C#, Java, JavaScript, HTML, CSS

Tools & Technologies: Unity Engine, Photoshop, Git, Microsoft 365, Proxmox, Truenas Scale, Ubuntu

IT Concepts: OS configuration, user support, network setup (academic exposure), virtualization, security

## Projects

HomeLab Experience: Built and maintained virtualized environments using Proxmox, TrueNAS Scale, and Ubuntu to explore self-hosted services, system administration, and network configuration.

Web Projects: Anime Organizational Web App, Matching Game, Portfolio Website, Data Collection Scripts

Unity Games: Flappy Bird Clone, Endless Runner, Spherical Mayhem

Links: <https://glaboy02.github.io/Portfolio-Website/> | <https://glaboy02.itch.io> | [github.com/glaboy02](https://github.com/glaboy02)