

Gregory Lawton

Waldorf, MD

greglawton9@gmail.com • (240) 412-6666

Technical Skills

- Databases and Languages: C++ , Java Script, LaTeX, Swift, HTML, & Rust
- Operating Systems: Windows 11, MacOS
- Software: Dr. Java, Xcode, Command Prompt, Google Workspace, Microsoft 365, Adobe Creative Cloud, Illustrator; Zoom, WebEx, Canva, and Outlook

Education

Bachelor of Science, Computer Science

May 2026

Towson University, Towson, MD

Overall GPA: 3.2

Related Coursework

Data Communications & Networking, Mobile Application Development, Object Oriented Design & Programming, Operating Systems, Software Engineering, Data Structures and Algorithm, Computer Organization, Cybersecurity, Statistical Methods

Work/Experience

Community Center Manager

August 2024 – Present

Housing & Residence Life, Towson, MD

- Supervise, train, and mentor a team of 12 assistants, fostering a culture of collaboration, efficiency, and accountability.
- Coordinate and execute events, meetings, and activities designed to enhance community engagement and build rapport among staff and residents.
- Manage budgets, monitor expenditures, and allocate resources effectively to meet program goals and operational needs.

Program Coordinator (Tigers Connect)

August 2025 – Present

Office of the President, Towson, MD

- Serve as a primary liaison between Towson University and Baltimore City high schools to drive interest in higher education.
- Coordinate and execute program events, including a "A Different World" themed outreach event, managing all promotional logistics and video content.
- Manage a LinkedIn presence ("Tigers Connect") to build professional networks and facilitate communication with community partners.
- Develop and distribute marketing materials to students and administrators to increase program visibility and enrollment.

Administrative Assistant/Office Manager

June 2020 – August 2024

Brilliant Minds Enrichment Program, Waldorf, MD

- Provide exceptional support in accounting and financial record-keeping, maintaining accuracy and integrity in financial transactions for the organization
- Enhance the efficiency of the organization by optimizing administrative processes, managing schedules, creating and maintaining websites and social media, and facilitating effective communication among staff, students, and parents

Trainee

August 2024

CompTIA Network+ Boot Camp, Towson, MD

- Acquired foundational knowledge in networking concepts, including TCP/IP, DNS, DHCP, and VLANs.
- Gained hands-on experience in configuring and troubleshooting routers, switches, and wireless networks.
- Practiced setting up, managing, and maintaining both wired and wireless network infrastructures.

Memberships and Affiliations

Member

August 2024 – Present

Towson Audio Production Society, Towson, MD

- Gained hands-on experience with professional audio equipment and production software.
- Collaborated with peers to create and refine audio projects, including sound design and mixing

Member

September 2023 – May 2024

Bit Brothers Organization, Towson, MD

- Empower and equip members with the skills and knowledge needed to excel in their academic pursuits and future careers by offering technical and professional workshops
- Provide members with information about internships, career opportunities, and relevant resources, enabling them to make informed decisions and seize opportunities within the technology and STEM fields

Member

February 2024 – December 2024

Software Engineering Club, Towson, MD

- Contributed to the organization of engaging and informative workshops within the Software Engineering Club, facilitating an environment for members to enhance their coding skills and stay updated on the latest industry trends
- Organized workshops and promotional events to build a supportive community for STEM students

RELEVANT PROJECTS

Programming Languages

Fall 2025

Towson University, Towson, MD

- Designed and implemented a web interface called “StudyAir” that functioned as an AI student learning tool that assisted students with their studying, unlocking a new way to use AI in our everyday living.
- Incorporated AI assistants, generative notes & quizzes based on student content input, a webcam/study room interface that allowed students to chat with each other within the program, and used Firebase to ensure user authentication.

Software Engineering

Spring 2025

Towson University, Towson, MD

- Designed and implemented a web interface called “Admin Arsenal” that functioned as a HR paystub tracker, generator, and staff payment portal for small to mid-size businesses.
- Incorporated Node.js & react for program functionality. Allowed for user authentication and a hierarchical log in process depicted by the type of staff member, for instance, CEOs will have paystub edit access compared to Tech Assistants.

Mobile Application Development

Spring 2025

Towson University, Towson, MD

- Developed and implemented a mobile application called “Tiger Eats” using Swift for frontend user interaction and Firebase for backend capability.
- Tiger Eats functioned as an on-campus delivery service for Towson University Students, allowing them access to more on-campus positions and the opportunity to work as on-campus dashers to residence halls and campus buildings for Towson Dinning Halls and Food Court.

Computer Science II

Spring 2024

Towson University, Towson, MD

- Designed and implemented an inheritance hierarchy for a Java program modeling 3-dimensional shapes. Employed abstract classes and subclasses for square pyramid, sphere, rectangular prism, cube, cylinder, and circular cone, ensuring common behavior was appropriately placed in super classes and unique behavior represented in subclasses.

General Computer Science

Spring 2023

Towson University, Towson, MD

- Developed and implemented a student information record system, and tic-tac-toe game in C++