Dylan McClellan

Camp Hill, Pennsylvania 17011 • 717-409-9792 • dylanm2270@gmail.com • [LinkedIn URL](#)

EDUCATION

Lehigh University, Bethlehem, Pennsylvania   Graduation: May 2027
Bachelor of Science in Computer Science and Engineering   GPA: 3.64
Honors: Upsilon Pi Epsilon, Donald and Dorothy Stabler Scholarship

SKILLS

Languages: Python, C#, JavaScript, Java, C++, HTML, CSS
Frameworks/Tools: ASP.NET, React, Flutter, REST APIs, Git, Linux/UNIX, Windows

COURSEWORK

- Software Engineering, Capstone I-II, Programming Languages, Design and Analysis of Algorithms, Web Systems Programming, AI Game Programming, Systems Software, Operating Systems Design, Programming and Data Structures, Discrete Structures and Algorithms, Applied Engineering Computer Methods, Calculus I-III

RELATED EXPERIENCE

Atlassian Intern – Rolka Loube   June 2025 – Present
Harrisburg, Pennsylvania
- Developed an interactive organizational chart with Atlassian Forge, JavaScript, and React, used by HR
- Designed screens/schemes using Python and Jira APIs to improve Jira usability across departments
- Created department-specific Jira automations that auto-create monthly tasks, notify owners on state changes, and escalate breaches, improving on-time completion
- Wrote detailed documentation for custom code, Jira automations, and screen schemes to improve clarity and long-term maintainability

Mobile App Developer Volunteer – Hungry Hawks   January 2025 – Present
Lehigh University, Bethlehem, Pennsylvania
- Collaborated with a cross-functional team to develop Hungry Hawks, a web-integrated mobile app aimed at reducing food waste and food insecurity on college campuses
- Contributed to the .NET backend using C#, designing and implementing REST APIs for seamless communication with the Flutter frontend
- Designed and documented a multi-university push notification system, reworking Firebase Cloud Messaging to deliver real-time updates by campus and event, and authored an engineering report outlining the solution
- Participated in Agile development cycles, including sprint planning, Git-based version control, and code reviews to maintain clean, maintainable code

PROJECT EXPERIENCE

[LU360 Advising Tool](#)   January 2025 – June 2025
- Developed for Lehigh 360 to streamline student advising by recording meetings, generating and storing summaries, and centralizing student data for faster, more consistent follow-ups
- Designed Azure SQL schema (users, students, programs, recordings, Q&A)
- Built Python Flask REST API with Auth0 session auth and transcript processing
- Served as backend lead in a small team, responsible for database architecture, API design, and system integration

Organizational Chart   July 2025 – Present
- Solely developed an internal organizational chart application using Atlassian Forge, JavaScript, and React, fully integrating with Jira APIs to fetch and display live data (e.g., Atlassian IDs, job titles, photos)
- Deployed and hosted the app on the company's Confluence site, enabling employees to easily navigate teams, roles, and reporting hierarchies
- Invited to continue working with Rolka Loube in the fall to expand the system's functionality and features

ACTIVITIES

CompSci in Bethlehem & Lehigh Ski/Snowboard Club   August 2023 - Present