Dylan McClellan

Camp Hill, Pennsylvania 17011 • 717-409-9792 • dylanm2270@gmail.com
linkedin.com/in/dylan-mcclellan • dpm227.github.io/dylansportfolio

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
Coursework: Software Engineering, Design and Analysis of Algorithms, Web Systems Programming, Systems Software, Programming Languages, Data Structures, AI Game Programming, Operating Systems Design, Calculus I-III

WORK EXPERIENCE

Atlassian Intern – Rolka Loube   June 2025 – Present
Harrisburg, Pennsylvania
- Developed an interactive organizational chart using Atlassian Forge, JavaScript, and React, deployed on Confluence and actively used by HR to visualize teams, roles, and reporting structures
- 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 to improve on-time completion
- Wrote detailed documentation for custom code, Jira automations, and screen schemes to improve clarity and long-term maintainability

Full Stack Developer Volunteer – Hungry Hawks   January 2025 – Present
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

Portfolio Project   September 2025 – October 2025
- Built a personal developer portfolio using React, Tailwind CSS, and JavaScript to showcase projects, experience, and technical skills in a clean, responsive design
- Customized and expanded a YouTube-inspired template by refining components, improving responsiveness, and integrating personalized branding and animations
- Deployed the fully responsive site on GitHub Pages with sections for projects, contact links, and smooth effects

SKILLS

Languages: C#, Python, JavaScript, Java, C++, HTML, CSS
Frameworks/Tools: React, ASP.NET Core, Flask, Firebase, Azure, Git, Linux/UNIX, Postgres SQL, Docker

ACTIVITIES

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