Xavier Graham

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GitHub: https://github.com/xcg2003

Objective

To use the knowledge gained through my education and professional experiences to obtain a challenging position while enabling my leadership and creative talents to improve, and lead to the further development of your company.

Computer Skills

Python, C/C++, C#, .NET, HTML & CSS, JavaScript, React JS, Typescript, Node.js, PostgreSQL, SQLite, Microsoft SQL Server Rust, Lua, Linux, Windows, macOS, Microsoft Office, Visual Studio, Visual Studio Code, Unity, Docker, Git, PowerShell, Documentation, Quality Assurance, Cybersecurity.

EDUCATION

Northern Arizona University, Flagstaff, AZ — *Software Engineering*

August 2022 - current

I am currently pursuing a bachelor's degree in Software engineering with a minor in cybersecurity.

Relevant Coursework:

- CS126: Computer Science 1
  - Introduces foundational principles of computer science including object-oriented fundamentals
  - Used python
- CS136: Computer Science 2
  - Intermediate programming with an emphasis on data structures in C.
- CS249: Data Structures and Algorithms
  - Design and implementation techniques of various data structures in C
- CS386: Software Engineering
  - Worked in a group to develop a full stack web application.
- CS396: Principles of Programming Languages
  - Intensive study of the underlying linguistic principles, constructs, and mechanisms associated with diverse programming paradigms.
- CS345: Database Systems
  - Basic database concepts that culminated in creating a locally hosted mysql server.
- CS480: Operating Systems
  - Created an operating system simulator that tracks processes, how long they take and how much memory they need allocated.

Software Development Intern, Piper Sandler

June 2025 - August 2025

Collaborated with a team to design, build, and maintain internal software used daily by bankers and managers. Developed scalable, efficient backends using .NET, and built dynamic, responsive frontends with React to ensure a smooth user experience.

- .NET Framework
- React
- Typescript
- Version Control (Git, DevOps)

Information Security Services Student Worker, Northern Arizona University

January 2025 - Present

As a member of the Information security team I play a key role in ensuring the security and integrity of our systems and data. I created scripts to automate security and access functions to manage users access to certain systems within Northern Arizona University.

- PowerShell/Python scripting
- Documentation
- Quality Assurance
- Cybersecurity

NAU Men's Lacrosse, Northern Arizona University — Website Designer

May 2024 - Present

Designed and developed a user-friendly website to enhance the team's brand identity and drive engagement.

- UI/UX design expertise
- Web development proficiency (HTML, CSS, JavaScript)
- Responsive and visually appealing designs
- Alignment with organizational goals and audience needs

Website Link: https://www.naulax.com/

Student Tech Center, Northern Arizona University — Tier 1 Student Tech

August 2023 – May 2025

Provide first-level phone and in-person technical support to ensure smooth operation of technology systems and prompt issue resolution.

- Remote troubleshooting and issue resolution
- Hands-on technical support for hardware and software
- Strong communication and customer service skills
- Proficiency in diagnosing and solving technical problems
- Knowledge of IT systems and support tools

The Bridge Group, Remote — Technical Support Intern

June 2023–August 2023

Provided remote assistance to end-users, ensuring the smooth functioning of computer systems and resolving technical issues efficiently.

- Collaboration with the Helpdesk team

- Troubleshooting hardware and software issues
- Strong problem-solving abilities
- Effective communication skills
- Knowledge of IT systems and support processes

US Air Force, 15380 Airlifter Drive — *Summer Student Clerk*

June 2021–August 2021

Collaborated with Air Force personnel in the 732nd Air Mobility Squadron to diagnose and resolve technical issues, ensuring operational readiness.

- IT troubleshooting and problem resolution
- Maintaining and supporting network operations
- Strong technical and analytical skills
- Adapting to high-pressure environments

PROJECTS

Book Search Application

- Built a dynamic web application using HTML, CSS, and JavaScript to search for books via the Google Books API.
- Implemented API integration to fetch and display book details, including titles, authors, and cover images, based on user input.
- Designed an interactive user interface with responsive styling to ensure a seamless user experience across devices.
- Developed functionality to handle real-time API requests and render search results dynamically on the page.

Book Tracker CLI Database

- Developed a Python command-line interface (CLI) application with an integrated SQLite database to manage books and track reading progress.
- Implemented database operations (CRUD) to add, update, and retrieve book titles and page numbers through an intuitive CLI.
- Leveraged SQLite for efficient data storage and retrieval, ensuring reliability in managing user data.
- Designed and tested robust CLI workflows to enhance user interaction and simplify progress tracking.

P.E.R.N Stack Movie Search App

- Designed and implemented a full-stack web application using the PERN stack (PostgreSQL, Express.js, React.js, Node.js) to provide user account creation and authentication features.
- Integrated the MovieDB API to enable dynamic search functionality for movies, TV shows, and actors, displaying names, posters, and relevant details.
- Developed a secure user authentication system using bcrypt and JSON Web Tokens (JWT) to safeguard user data.
- Built a responsive and user-friendly interface, ensuring cross-browser compatibility and seamless user interaction.
- Leveraged PostgreSQL for efficient database management to store user information and search histories.