

# Jacob D. Shultz

US Citizen

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Github: jacobshultz

## EDUCATION

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### University of Pittsburgh-Johnstown

Bachelor of Science in Computer Science

Minor in Information Systems (Cybersecurity concentration)

Johnstown, Pennsylvania

Expected Graduation, May 2027

- **Relevant Coursework:** Software Design, Data Structures, Algorithm Design, Computer Systems Architecture, Networking, Object-Oriented Programming, Discrete Math and Statistics, Programming Languages

## EXPERIENCE

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### Drive DeVilbiss Healthcare

Software Engineering Intern

Somerset, Pennsylvania

May 2025 – August 2025

- Developed a major production line utility using Windows Forms and .NET.
- Assisted the team with software testing and documentation for various other projects.

### GapVax

Engineering Intern

Johnstown, Pennsylvania

June 2024 – January 2025

- Created an internal tool to streamline the owner's manual creation process for GapVax trucks.
- Contributed coding support for the company's Enterprise Resource Planning (ERP) software.

## PROJECTS

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### Unified Sound Tester

Drive DeVilbiss Healthcare

Somerset, Pennsylvania

June 2025 – August 2025

- Consolidated three production line sound tester applications into a single project to increase production efficiency, extend long-term maintainability, and improve scalability.
- Built a windows forms project in .NET.
- Integrated with and added to the company's extensive codebase and electronic database systems.
- Created in-depth documentation in accordance with company-wide procedures.

### Manual Generator (Section 4 Template Generator)

GapVax

Johnstown, Pennsylvania

June 2024 – November 2024

- Developed and implemented a tool to optimize the owner's manual creation process for GapVax trucks, greatly improving efficiency.
- Used Microsoft Excel as a "pseudo-platform" for its low-maintenance programming environment and staff familiarity. Connected to Adobe Acrobat's OLE API to work with PDFs.
- Created guides for users.

## ACTIVITIES & AWARDS

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### Boy Scouts of America

Eagle Scout

Somerset, Pennsylvania

June 2022

### Academic Success Center (Pitt-Johnstown)

Peer Tutor

Johnstown, Pennsylvania

September 2025 – Current

- **Offered Courses:** Data Structures, Object Oriented Programming, Systems Architecture, Perspectives of Computer Science, Intro to Information Systems

### Computer Science Club (Pitt-Johnstown)

Member

Johnstown, Pennsylvania

Aug 2023 – Current

## SKILLS

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**Programming:** C#, Rust, Java, C++, HTML, CSS, SQL, VBScript

**Tools:** Microsoft SQL Server, Git, GitHub, Docker, Excel Scripting, MS Access, Windows Forms, ERP Software, Various IDEs