

# Jacob A. Grimes

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## Experience

**FVCbank** | IT Summer Intern / Commercial Banking Summer Intern *May 2025 – August 2025*  
| Part Time IT Support / Part Time Commercial Banking Admin *August 2025 – Present*

## Signature Accomplishments

- Created a PowerShell script to convert a text file into an Excel spreadsheet specifically formatted to meet FDIC specifications, saving Loan Operations 2 hours each month
- Automated a manual task for the bank's Accounting department by using PowerShell to convert data from a text file to an Excel spreadsheet.
- Created custom PowerShell scripts to automatically remove unwanted software from bank computers to satisfy an audit finding.
- Automated software deployment of remote assistance software to all bank computers to help with unattended connections creating a more efficient troubleshooting experience.
- Used Power BI to import data from multiple sources to automate quarterly reporting to the bank's Executive team, saving multiple hours of manual work.
- Help Desk Support

## Education

**James Madison University** | Harrisonburg, VA *August 2022 – December 2025*  
Bachelor of Science in Computer Science, GPA 3.5  
• Dean's List: Spring 2023, Fall 2023.

**Northern Virginia Community College** | Manassas, VA *August 2018 – June 2022*  
Duel-Enrolled Course Work with Battlefield High School  
• 33 Credits attained in the CS/IT fields.

## Projects

**PintOS** | C, Subversion, Operating System Development, Subversion | James Madison University *March 2025-May 2025*  
• Worked with a team of 4 to develop a small operating system, skills learned including asynchronous process sleeping, thread concurrency.

**LitHub** | Python Django, DigitalOcean, GitHub | James Madison University *March 2025-May 2025*  
• Worked with a partner to develop a Virtual Book Club meeting place, which is a live hosted web application, registered by a DNS name server.

**DHCP Client/Server** | C, Git | James Madison University *March 2025-April 2025*  
• Worked with a partner to develop a DHCP Client and Server, skills gained from this project include setting up sockets, sending messages, and receiving messages from those sockets.

**DukeSH** | C, Git | James Madison University *January 2025-March 2025*  
• Worked with a partner to develop a responsive command-line shell, skills gained from this project include spawning processes, piping from one process to another.

**DFDC** | MySQL, Python, Jinja, GitHub | James Madison University *September 2024-December 2024*  
• Worked with a team of five to develop a web application, with Jinja as a front-end tool, allowing users to interact with a database via various Python scripts, using a database which we made.

**JGSN** | JavaScript, JavaScript APIs, HTML, CSS, GitHub | Personal *May 2024-Present*  
• Solo project which allows a user to search either an NFL team or player, and using APIs, fetches information about the search.

**Reel J-R** | JavaScript, JavaScript APIs, HTML, CSS, GitHub | James Madison University *February 2024-May 2024*  
• Worked with a partner to develop a web application using TMDB and GIPHY APIs.

**Hall-Waze** | Java, Android Studio | Battlefield High School *August 2021-March 2022*  
• Worked with a team of 5 to develop an Android app which mapped our high school and found the fastest route using Dijkstra's Shortest Path between classes based on a schedule.

## Organizations

**Upsilon Pi Epsilon Zeta Chapter** | James Madison University *April 2024 – Present*

**Unix Users Group** | James Madison University *September 2024 – May 2024*

## **Awards**

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IT Gold Medal | Battlefield High School

June 2022

## **Volunteer Experience**

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CISE (College of Integrated Science and Engineering) Mentor | James Madison University    October 2023-May 2024

## **Extracurriculars**

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Acoustic guitar for Heritage Baptist Church in Ashburn, VA

## **Skills**

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**Languages:** Proficient in Java, Python, C. Intermediate in Ruby, MySQL, JavaScript, PowerShell. Beginner in C#, PostgreSQL, HTML, CSS

**Technologies:** Git/GitHub, Subversion

**Methodologies:** Scrum Agile Software Methodology

**IDEs:** Visual Studio Code, IntelliJ, Eclipse, Android Studio

**Platforms:** Windows, Linux, MacOS