

# David Holland

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github.com/crystalstorm466

## Education

<b>Kennesaw State University</b> , BS in Computer Science	Aug 2022 - May 2026
<ul style="list-style-type: none"><li>• GPA: 3.0</li><li>• <b>Coursework:</b> Data Structures, Operating Systems, Cryptography</li></ul>	

## Experience

<b>Busser</b> , Augusta National Golf Club – Augusta, GA	April 2022
<ul style="list-style-type: none"><li>• Served Patrons at the Masters Tournament 2022</li><li>• Cleaned up after Patrons and set the table.</li></ul>	
<b>Student Assistant</b> , Kennesaw State University – Marietta, GA	Feb 2023 - April 2023
<ul style="list-style-type: none"><li>• Worked in the STACKs Sandwich restaurant.</li><li>• Responsible for making sandwiches to the customer's requests.</li><li>• Stocked the convenience store in front of the sandwich line.</li></ul>	

## Achievements

<b>Installed MacOS on a non-Apple laptop</b>	August 2023
<ul style="list-style-type: none"><li>• Successfully installed macOS on to a Dell Latitude laptop and is recognized by Apple as an Official Macbook Pro</li></ul>	
<b>Discovered a Critical Vulnerability at, Kennesaw State University</b>	October 2024
<ul style="list-style-type: none"><li>• Discovered a Critical vulnerability that exposed the whole Root filesystem of the computer systems on the Marietta campus.</li></ul>	

## Projects

<b>Home Lab</b>	2022
<ul style="list-style-type: none"><li>• Turned an office tower PC into a Homelab running Arch Linux.</li><li>• Created a media server, and file server</li><li>• Services: Jellyfin, Samba, Docker</li></ul>	
<b>Decaf20 Interpreter</b>	2024
<ul style="list-style-type: none"><li>• Developed an interpreter to read and identify tokens and errors in DECAF20 language.</li><li>• The program could develop a parse tree of a provided code.</li><li>• Tools Used: Python</li></ul>	
<b>Network-wide Ad blocker</b>	2024
<ul style="list-style-type: none"><li>• Running AdGuard Home on a Raspberry Pi Zero 2 W</li></ul>	
<b>Built a Linux From Scratch System</b>	2025
<ul style="list-style-type: none"><li>• Built and configured a complete Linux system from source (LFS)</li><li>• Linux From Scratch: 12.3</li><li>• Linux Kernel: 6.14.5</li></ul>	
<b>Implemented Feistel Cipher in C</b>	2025
<ul style="list-style-type: none"><li>• Implemented the Feistel block cipher in C</li><li>• Able to encrypt and decrypt in 8 bit and 16 bit block sizes</li><li>• Language: C</li></ul>	
<b>Built a Portfolio website</b>	2025
<ul style="list-style-type: none"><li>• Built a Portfolio website using Next.js</li><li>• Language: Next.js, and Typescript</li></ul>	
<b>Implemented Feistel Cipher in C</b>	2025
<ul style="list-style-type: none"><li>• Implemented the Feistel block cipher in C</li><li>• Able to encrypt and decrypt in 8 bit and 16 bit block sizes</li><li>• Language: C</li></ul>	

## Leadership

<b>Inaugural Officer of Linux Club at KSU</b>	October 2024 - Present
<ul style="list-style-type: none"><li>• Help Founded the Linux Club to promote open-source software and the Linux OS.</li></ul>	
<b>Leadership Team - Baptist Collegiate Ministries</b>	May 2025 - Present
<ul style="list-style-type: none"><li>• Head of Communication for BCM for the 2025-2026 school year</li></ul>	