

Thaddeus Mathewson-Wood

Certifications



CompTIA A+ Certification



CompTIA Security+ Certification



IT Specialist - Java



IT Specialist - HTML & CSS

Favorite Projects

kircic.org

My primary website, programmed in JavaScript, a directory to my other projects.

<https://kircic.org/>

snap.red

My secondary website, mainly dedicated to my photographic efforts and general documentation of my life.

<https://snap.red/>

File Explorer

Local file explorer accessible entirely through the browser written in JavaScript utilizing the File System API and accessible in modern browsers. Utilizes recursion and tree architecture to path user files.

<https://www.kircic.org/files/>

Infinisweeper

Recreation of the game minesweeper written in JavaScript with an infinitely generating gameboard. Utilizes recursive functions, maps, arrays, file importing and exporting,

<https://www.kircic.org/infinisweeper/>

Notilify

A collaborative effort with Arial Araya, a JavaScript rewrite of his iOS application written in Swift. Utilizes various math functions and a citation generator.

<https://arielaraya.xyz/notilifyPWA/>

Stock Tracker

A tracker of the U.S. stock market and various securities such as cryptocurrency, index funds, individual stocks. Uses online tools to aggregate and graph live market data.

<https://www.kircic.org/finance>

Contact

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(240) 344-8707

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Education

Hood College (2025+)

Computer Science 202

Advanced Data Structures - Abstract Data Types, Trees, RingBuffers, Queues, Stacks, Hash Tables, Recursion, Big O analysis, algorithm efficiency.

Frederick Community College (2023-2025)

PC Operating Systems

Hardware & Software - Linux & Windows

PC Repair & Diagnostics

Understanding PC Hardware, Building PCs

Cisco 1 Network Fundamentals

Understanding network equipment, configuring Cisco switches.

Cisco 2: Switching

Understanding network equipment, configuring Cisco switches.

Security Fundamentals

Cybersecurity, penetration testing, utilizing Linux & Windows.

Governor Thomas Johnson High School (2021-2025)

AP Computer Science A

Worth college credit, dedicated to Java.

AP Computer Science Principals

Worth college credit, focused on JavaScript & Python.

Main Programming Languages



Java



JavaScript



Lua



HTML



CSS

Operating Systems



Linux



Debian



OpenSUSE



Ubuntu



Kubuntu



Windows 10 & 11