

Carson M Jones

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EDUCATION

Western Governors University

Bachelor of Science in Software Engineering

Salt Lake City, UT

Nov. 2023 – Present

Eastern Gateway Community College

Associate's in Criminal Justice

Stubenville, OH

Oct. 2020 – Dec. 2022

EXPERIENCE

Microcomputer/Network Technician

State of Alaska

December 2023 – Present

Anchorage, AK

- Built and Maintained a Sandbox Development System from scratch using VMWare ESXi for Production Testing. Established multiple virtual systems to act as clients connecting to the production server.
- Developed a workflow for documentation containing detailed information regarding the error encountered and steps taken to resolve the issue
- Installed Software and Hardware on computer systems under consideration of business rules and security requirements
- Selected for numerous major projects that ultimately shape the Department of Corrections statewide

Software Engineer

Freelance

November 2023 – Present

- Worked as a Developer for Several GTA FiveM roleplay communities, creating projects for hundreds of users to enjoy using Lua, Java, HTML, CSS, and JavaScript
- Contributed to Open-Source Projects on GitHub, providing documentation fixes and program-language-specific fixes.

PROJECTS

Digital Inmate Typewriter | *HTML, CSS, JavaScript (Html2pdf Bundle, Bootstrap)*

March 2024

- Utilized a Slackware Linux Distribution for a secure system foundation
- Created an organized table directory identifying Criminal and Civil documentation
- Implemented continuous improvements, including but not limited to Additional fillable documents, HTML Table restructuring, Requests for accessibility modifications from End Users
- Successfully deployed across the entire State of Alaska

Digital Law Library | *ESXi, Windows Server 2022, KioWare Software Solutions (State of Alaska)*

December 2023

- Constructed a Server Machine to boot into ESXi for use of Virtualization Systems as SessionHosts and Broker servers
- Implemented domain systems through Active Directory, complete with full local networking
- Configured systems to accept sessions from RDC Connections and established those systems as locked-down kiosk systems for inmates, using KioWare Software
- Completed maintenance and testing on the Sandbox Environment to later push to the Production Environment
- Provided continuous maintenance of the production system through the use of the sandbox system

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SQL, HTML, CSS, JavaScript

Frameworks: React, Spring Boot

Developer Tools: Git, VS Code, Visual Studio, NetBeans, Android SDK, TMCBeans

Libraries:

CERTIFICATIONS

AWS Certified Cloud Practitioner