Jonathan Sako

Las Vegas, Nevada

(702) 209-5414 | sakoj1@unlv.nevada.edu | Portfolio

Education

University of Nevada Las Vegas   **Expected: March 2025**

Bachelor of Arts in Computer Science
Minor in English
GPA 3.02/4.00

College of Southern Nevada   **May 2022**

Associate of Science

Coursework

- **System Programming (x86 / MIPS)**: Algorithms from system programming, including conversions, buffering, device drivers, assemblers and loaders, use of system services, macros, and linkage conventions.
- **Computer Organization (MIPS)**: Organization of digital computers, including I/O unit, arithmetic logic units, control units, and memory organization. Number and character representation. Instruction sets and addressing.
- **Computer Science II (C++)**: Data structures and algorithms for manipulating linked lists, String and file processing. Recursion. Software engineering, structured programming.

Projects

Inventory Management System (https://inventory-tz6to.ondigitalocean.app/)   **(09/2024 - Present)**

- Developed an inventory management system in Laravel capable of tracking sales and managing stock data
- Implemented group-based user management, allowing users to collaborate within designated groups
- Designed an admin dashboard with role-based access control, enabling administrators to manage users, sales, and inventory, while restricting permissions for regular users
- Secured sensitive data with authentication and group-specific access, ensuring a safe multi-user environment

Personal Portfolio (https://jonathansako.netlify.app/)   **(05/2024 - Present)**

- Designed and developed a personal portfolio using Next.js
- Responsive design ensures compatibility across all devices
- Integrated videos to quickly showcase projects
- Implemented custom animations and transitions using CSS

Real Estate Listing Website (https://realestatesako.netlify.app/)   **(03/2024 - Present)**

- Developed a responsive real estate frontend website in React
- Utilizes the Google Maps API to display property locations
- Implemented interactive map markers with detailed property information to enhance user engagement and navigation
- Dynamically updates property card information as the user navigates
- Design inspired by leading real estate websites

Skills

- **Programming Languages:** C++, Javascript, PHP, SQL, Typescript, x86 Assembly
- **Database Management:** MySQL, SQLite, Prisma, Eloquent
- **Technologies & Frameworks:** React, Next.js, Laravel, NextAuthv5, Vite, Linux, Tailwind, ZOD, DigitalOcean, Tableplus, PHPMyAdmin, XAMP, Virtual Box, QTspim, Shadcn
- **Methods:** OOP, MVC framework, Asynchronous design, RESTful API