Nnamdi Ajiri

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| **Current Address:**  1765 Long Road, 102D  Ames, IA | Permanent Address: 3511 129th Street  Urbandale, IA |

**OBJECTIVE:** Seeking an opportunity to apply my software engineering and interpersonal skills to further the growth of an innovative company with a diverse and innovative corporate culture.

**EDUCATION: Iowa State University,** *Ames, IA*

**Bachelor of Engineering in Software Engineering**

**GPA 3.42/4.0**

**Expected graduation date: May 2025**

**TECHNICAL SKILLS**:

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| --- | --- | --- |
| * Java, C, C++ * FPGA | * Eclipse * Visual Studio, Android Studio * Git | * HTML, CSS, JavaScript * Microsoft: Excel, Word, PowerPoint, Access * MERN Stack |

## PROJECTS: <https://github.com/npajiri/my_work>

## Pokémon Game November 2023

## Implemented a Pokémon game using C and C++ to create a grid-based environment.

## Created multiple maps with unique terrain and attributes to provide diverse gaming experiences.

## Developed core game mechanics for Pokémon encounters, capturing, battles, and leveling up.

**Chess Game December 2023**

## Implemented a Chess game using C and C++ with the ncurses library for a console-based user interface.

## Created a grid-based chessboard environment with 8x8 squares and labeled ranks and files.

## Developed core game mechanics for turn-based gameplay, legal moves, and win/lose conditions.

## Elevator System May 2023

## Designed and implemented an elevator control system using Verilog HDL for FPGA.

## Created a robust and efficient module for controlling the elevator's movement in a multi-floor building.

## Developed state machines to handle different modes such as idle, moving up, moving down, and stopping at floors.

## Implemented a user interface for floor selection and call buttons using Verilog and interfaced it with appropriate hardware.

## Utilized finite state machines and sequential logic to seamlessly manage the elevator's operation.

## Events App December 2023

## Designed and implemented an events app using Android Studio.

## Created a repository in Git for version handling. It included the backend and frontend sections of the app.

## Implemented features for creating and managing multiple events with unique details. Events also included a comment section.

## Used WebSocket to implement a chat feature for different users to communicate through.

## Created a dynamic system for users to explore various event categories and discover upcoming activities.

## E-commerce/Catalog of Products Website December 2023

## Designed and implemented an E-commerce website in Visual Studio Code, using MERN stack.

## Created a repository in Git for version handling. It included the backend and frontend sections of the app.

## Implemented requests, using JavaScript language, to the database to create, update, delete, and read different products.

## Used Bootstrap to beautify the web pages.

## Included a search bar to search for the products by their id.

## Portfolio Website January 2024

## Designed and implemented a Portfolio website in Visual Studio Code, using React.

## Included a Navbar with Home, About Me, Skills, Resume, Portfolio and Contact tabs.

## Implemented a filter in the “Portfolio” tab to filter Development and Design projects.

## Used SCSS and CSS to design the web pages.

**RELEVANT COURSEWORK:**

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| --- | --- | --- |
| * Object Oriented Programming * Data management Systems * Software Project Management | * Intro to C/C++ * Advanced C/C++ * Android Mobile Development and Software testing | * Symbolic Logic * Web Application Development * Data Structures and Algorithm Analysis |

## ACTIVITIES/AWARDS:

* President African Students Association August 2023 – Present
* Awardee Lewis (Leslie) Scholarship August 2023 – Present
* Awardee Program of Study Award August 2023 - Present
* Member National Society of Black Engineers January 2022 – Present
* Member Coalition of Black Men January 2022 - Present
* Member Black Students Alliance January 2022 – Present
* Event Coordinator African Students Association August 2022 – May 2023

## PROFESSIONAL EXPERIENCE:

**Desk Assistant,** *Ames, Iowa* **August 2022 - Present**

* Managed a student residence building accommodating approximately 300 students, ensuring their safety, well-being, and a positive living experience.
* Served as the front-line contact for student inquiries, effectively answering questions and providing information on various aspects of campus life and resources.
* Successfully managed building-related paperwork, including occupancy records, maintenance requests, and incident reports, ensuring accurate and up-to-date records.
* Efficiently sorted and distributed mail and packages to residents, contributing to a smooth mail delivery process.

**Hy-Vee Inc.,** *Ames, Iowa*  **Online Shopper June 2022 – July 2023**

* Working inside, I shopped online orders for customers.
* Working outside, I loaded customers’ cars with their orders.
* Trained new employees to effectively and efficiently complete tasks.
* Cleaned up and arranged work area at the end of the day.

**NON-TECHNICAL SKILLS**:

* Leadership
* Customer Service
* Communication
* Interpersonal skills
* Teamwork
* Attention to detail
* Adaptability
* Problem-solving
* Time management
* Conflict resolution
* Innovation
* Critical thinking
* Networking
* Presentation skills