

Sam Ashenafi

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Education

Louisiana State University

Computer Science, Software Engineering.

Relevant Coursework: Data Structures and Algorithms, Object Oriented Programming and Computer Organization and Architecture

Baton Rouge, LA

May 2025

Projects

Personal Website:

- Developed using React and Material UI to showcase my personal projects in more depth and display knowledge on how to build and deploy websites. Its live and fully responsive at this url: sashenafi.net
- Key features include pages showing my personal projects in more detail and a page to view and download my resume.
- Showcases skills in front-end development and ability to make a user-friendly interface.

Project: Fox:

- Developed using C++ and the game library Raylib in a team collaboration to make a short adventure-based RPG game.
- Designed and implemented the main menu, victory and game over screens to enhance the user's experience.
- Enhanced my skills in C++ and now feel competent in being able to code in it.

Alarm Clock

- Designed a alarm clock for a desktop in Java using Java Swing with simple GUI and audio effects.
- User interface creating using Java Swing which has a menu for inputting the time for the alarm which triggers a popup menu when the time is reached playing a sound.
- Demonstrates ability to use Java to create a fully functioning application.

Organizations

Google Developer Student Club.

Member

Baton Rouge, LA

2023 – Present

- The goal of this organization is to bring students together to become better developers through hackathons, presentations, tech talks and collaborative projects.
- My experience in this group has been finding like-minded individuals to work on projects together to increase our skills to become better developers.

Skills & Interests

Technical:

- Java
 - Proficient in using Java in back-end development using principles I have learned in object-oriented programming to create complete and working applications.
- C++
 - Have knowledge of the standard library and now fully understand how to use pointers and classes to make the process of coding easier.
- JavaScript and basic HTML
 - Used to create personal website and now understand how to create responsive and appealing user-interfaces that I can now apply to other languages.

Interests

- Development in both front-end and back-end to create complete applications.