

AMIIN ISMAIL MUSE

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🌐 [AminMuse](#)

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EDUCATION

Northwestern university

Bachelor of Science in Computer Science

Minor in Data Science and Engineering

Anticipated Graduation: Jun 2025

Evanston, IL

Relevant Coursework: Intro to Software Engineering (C/C++), Data Structures & Algorithms, Linear Algebra and MATLAB, Discrete Math, Codepath Intermediate Software Engineering

Activities: National Society of Black Engineers, IEEE Northwestern Chapter, African Student Association, Muslim-Culture Student Association, NU-Fintech, NU-Dance Marathon, Emerging Coders Club.

EXPERIENCE

Northwestern University COMP_SCI 150 (Python)

Nov 2022 - Present

Peer Mentor

Evanston, IL

- Organize Weekly office hours to help 20+ students with debugging their weekly assignments and final project
- Support students by answering questions on Campuswire/Piazza and grade assignments for 100+ students

Northwestern Emerging Coders

Aug 2022 - Present

Vice-President

Evanston, IL

- Co-founded this club to provide a community for first-generation low-income students in tech at Northwestern
- Organize bi-weekly Executive Board meetings and oversee all club activities, funds, and coding projects

Northwestern University Fintech Club

Mar 2022 - Present

System Infrastructure Engineer

Evanston, IL

- Work with the NUFT RHEL server to manage multiple data inputs with redundancy control, cloud archiving with AWS, and real time data digest
- Communicate closely with the algorithmic team to cleanly and easily integrate new models and algorithms into live and backtest environments

Northwestern University Dance Marathon

Apr 2022 - Sep 2022

Full-Stack Developer

Evanston, IL

- Collaborated with a team of 10 to develop an app that monitors user information, fundraising data, and event information utilizing React Native
- Implemented a fundraising feature that displays the amount of money fundraised and of 1000+ students and donors

Northwestern University Information Technology

Mar 2022 - Present

Technical Support

Evanston, IL

- Provide technical support for 20+ Northwestern students, faculty, and staff across Northwestern campus to resolve customer incidents, requests and escalation
- Perform routine quality checks and maintenance of audio and visual equipment in 10+ rooms weekly

PROJECTS

Battleship Game | C/C++, UNIX Shell

[\(Link\)](#)

- Constructed Battleship game from scratch using GE211 game engine in C++ development environment
- Built user-interactive GUI using Model-View-Controller architectural pattern to enable player-driven gameplay

Web Portfolio | HTML, CSS, JS, Git

[\(Link\)](#)

- Developing a custom HTML, CSS, and JS website to showcase my projects and work experience
- Employed streamlined static web hosting by using GitHub pages to optimize development

Northwestern University, Design Thinking and Communication

[\(Link\)](#)

- Co-led a team of 4 to design an app that identifies plants from the Shakespeare work in the Shakespeare Garden for a client in Evanston, Illinois
- Organized weekly team meetings and assigned tasks to team members

SKILLS

Languages: Python, Racket, MATLAB, C, C++, JavaScript, PHP, SQL

Technologies: Git, GitHub, VS Code, React

Trilingual: Somali (native), English (fluent), Arabic(intermediate)