

NAIMO AHMED

naimoahmedbusiness@gmail.com | (614) 477-6210 | Columbus, OH | naimoahmedd.com | [LinkedIn](#)/[GitHub](#): naimoahmedd

EDUCATION

Duke University, Durham, NC

Aug 2024 - May 2028

Bachelor of Science in Computer Science, Minor Sociology

Relevant Coursework: Introduction to Computer Science, Calculus and Functions I (Lab), Data Structures and Algorithms, Statistics, Calculus II

Extracurriculars: Duke Technology Scholars (DTech), National Society of Black Engineers (NSBE), CS Sidekicks, Muslim Students Association (MSA), Black Muslim Coalition (BMCO), ColorStack, The Backpack Project (Nonprofit For Homelessness)

SKILLS

Programming & Languages: Python, Java, JavaScript, R, HTML/CSS

Frameworks, Tools & Databases: Flask, Docker, Git, GitHub, REST APIs, Jinja2, MongoDB, Neo4j

AI/ML & Data Science: Web-Scraping (Selenium), GPT-4 integration, Data Analysis

WORK EXPERIENCE

Duke Alumni Engagement and Development (Code+ Program), Durham, NC

May 2025 - December 2025

Software Engineering Intern

- Engineered scalable ETL pipelines (Python, Flask, Selenium, MongoDB, Neo4j) to process **25+ years** of philanthropic data, powering interactive graph networks that revealed hidden donor-scholar relationships; collaborated with a 5-person team using Git and agile sprints.
- Built an AI-powered chatbot and accessible web platform (HTML/CSS/Jinja2, ARIA standards) with integrated REST APIs and automated testing, reducing manual research time for advancement staff and improving data-driven outreach efficiency.

CS Sidekicks, Duke University, Durham, NC

Aug 2024 - May 2025

Computer Science Tutor

- Mentored five elementary school students in Durham Public Schools, developing core computer science, debugging, and problem-solving skills.
- Facilitated group coding challenges and collaborative projects to promote teamwork, creativity, and hands-on application of programming skills.

PROJECTS

Clever GuessWord Game | *Python*

- Engineered a Hangman-style game in Python with debug/play modes, dynamic word filtering, and state tracking, applying algorithms and modular design to enhance flexibility and performance.
- Implemented reusable functions for input validation, error handling, and replay/statistics features, improving code maintainability, scalability, and overall user experience.

Recommender System | *Python*

- Developed a Python-based recommendation engine leveraging file I/O, dictionaries, and sorting algorithms to generate best-match results, applying core data structures and algorithm design.
- Designed modular, reusable components (RecommenderEngine, RecommenderMaker, MovieReader, BookReader) to enable flexible recommendations across datasets, improving scalability and maintainability.

Personal Portfolio Website | naimoahmedd.com | Flask, TypeScript, HTML, CSS

- Designed and launched a responsive Flask portfolio site with custom HTML/CSS, deployed with a custom domain to present projects and experience in a clean, accessible layout.
- Focused on maintainable templates and consistent UI components for a smooth, professional browsing experience

LEADERSHIP & PROFESSIONAL DEVELOPMENT

Management Leadership for Tomorrow

January 2026 - Present

Career Prep Fellow

- Selected for a competitive 18-month leadership development program featuring coaching, mentorship, hands-on technical projects, and industry engagement with partners such as LinkedIn, Bloomberg, and Deloitte.

DTech Scholars Program (Technical Fellowship Program), Duke University, Durham, NC

May 2025 - July 2025

Fellowship Scholar

- Selected as a DTech Scholar, completing technical workshops and mentorship focused on software engineering preparation and professional development.