

Yameen Alsaaidah

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EDUCATION

University of North Carolina at Charlotte

Bachelor of Science, Computer Science

Expected Graduation, May 2027

GPA: 3.85 / 4.0

- **Achievements:** Chancellor's List, Dean's List, Tau Sigma National Honor Society, Michele M. & Ross M. Annable Scholarship
- **Relevant Coursework:** Computer Science I & II, Data Structures & Algorithms, Software Engineering, Calculus I & II, Introduction to Computer Systems, Web-Based Application Design & Development, Database Design and Implementation

PROJECTS

Trimly – AI-Powered Barbershop Booking Platform

Aug 2025

Full-Stack | React, Javascript, TypeScript, Django, PostgreSQL, Docker, OpenAI API

- Developed a full-stack appointment scheduling platform with **AI-powered customer support**, deployed across development, staging, and production using **containerized architecture**.
- Built responsive frontend with **React, TypeScript**, implementing component-based architecture and custom hooks for dynamic UI updates.
- Engineered **secure RESTful APIs** with **Django REST Framework**, including authentication, **CSRF protection**, **Swagger/OpenAPI** documentation, and multi-database support (**PostgreSQL, MySQL, SQLite**).
- Integrated **OpenAI API** for intelligent customer support chatbot with **natural language processing, fallback logic**, and **error handling** to ensure 24/7 availability.
- Implemented **CI/CD** pipelines with **GitHub Actions** for automated testing, linting, security scans, and **Docker-based deployments**.
- Designed scalable database architecture with **Django ORM** and environment-based configuration for seamless multi-environment deployment.

Personal Portfolio Website

May 2025

Frontend | HTML5, CSS3, JavaScript, GSAP

- Designed and developed a modern, responsive portfolio website featuring **advanced animations, interactive 3D elements**, theme switching (dark/light mode), and mobile-responsive navigation using **GSAP, Three.js, and vanilla JavaScript**
- Deployed and optimized the site on **GitHub Pages** with **custom domain hosting**, implementing **CSS Grid/Flexbox layouts**, glassmorphism design elements, and cross-browser compatibility for optimal performance across all devices

WeatherVibe – Weather Forecast Web App

May 2025

Frontend | HTML5, CSS3, JavaScript, API Integration

- Developed a modern weather application featuring glassmorphism UI, **geolocation detection, 5-day forecasting, autocomplete search**, theme toggle, and animated particles using **OpenWeatherMap API integration** with responsive design and smooth CSS animations.

StudyBud – Real-Time Study Collaboration App

April 2025

Full-Stack | Django, Python, HTML5, CSS3

- Developed a study room web app with **real-time messaging, custom user authentication**, and profile management by extending Django's AbstractUser model.
- Designed **relational database models with Django ORM**, implementing many-to-many relationships and foreign key constraints.
- Built RESTful API endpoints using **Django REST Framework with CORS support** for potential frontend and mobile integration.
- Created responsive UI with dynamic template rendering, **search/filter functionality**, and file uploads for avatars.

SKILLS

- **Programming Languages:** Java, Python, JavaScript, C, C++, TypeScript, HTML, CSS, SQL
- **Frameworks/Libraries:** Django, Django REST Framework, Spring Boot, React, JUnit, PyTest, Node.js, Tailwind CSS
- **Applications/Tools:** Git/GitHub, GitHub Actions, Docker, AWS, Linux/Unix, Postman, REST APIs, OpenAI API, Swagger/OpenAPI
- **Databases:** MySQL, PostgreSQL, SQLite, Amazon RDS
- **Methodologies:** Agile, Scrum, DevOps, CI/CD, Microservices, Test-Driven Development, MVC, RESTful API Design
- **Soft Skills:** Problem Solving, Communication, Time Management, Organization, Team Collaboration, Innovation, Leadership
- **Languages:** English (Fluent), Arabic (Fluent)

CERTIFICATES

- CS50's Introduction to Computer Science
- freeCodeCamp – Responsive Web Design Certification
- freeCodeCamp – JavaScript Algorithms and Data Structures Certification
- CS50's Web Programming with Python and JavaScript (In Progress)
- CS50's Introduction to Databases with SQL (In Progress)

EXPERIENCE

Central Piedmont Community College – Human Resources

Charlotte, North Carolina

Human Resources Assistant

June 2024 – December 2024

- Managed **sensitive identification documents** including **passports, Social Security Numbers (SSNs)** for employee verification, ensuring HR compliance.
- Improved visitor response time by **25%, handling 40+ inquiries/day** through efficient multitasking and team coordination.
- Collaborated with the HR team to streamline internal workflows and **resolve issues** under **high-pressure environments**.