Yameen Alsaaidah

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EDUCATION

University of North Carolina at Charlotte   *Expected Graduation, May 2027*
Bachelor of Science, Computer Science   *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 (Full-Stack – React, TypeScript, Django, PostgreSQL, Docker, CI/CD)   *Aug 2025*
Individual Project
- 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 — Frontend Development (HTML5, CSS3, JavaScript, GSAP)   *May 2025*
Individual Project
- 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 (Frontend & API Integration – HTML5, CSS3, JavaScript)   *May 2025*
Individual Project
- 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 Platform (Django, Python, HTML5, CSS3, REST API)   *April 2025*
Learning Project
- 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, 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, Teamwork, Communication, Time Management, Organization
- **Languages:** Fluent in English and Arabic

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*
- Verified employee identification by handling sensitive documents such as passports, IDs, and social security cards to ensure compliance with hiring protocols; assisted an average of 40 visitors daily and improved front desk response time by over 10 minutes through efficient inquiry handling.
- Resolved complex prescription issues under pressure by delivering clear instructions and coordinating with staff, while managing high-volume phone inquiries and directing calls to appropriate departments with professionalism and accuracy.