

BASSAM ALGHAMDI

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Profile

Detail-oriented and tech-driven Computer Science graduate with hands-on experience in web development, library systems, and AI-powered applications. Motivated to contribute to innovative teams while continuously expanding expertise in software development and intelligent systems.

Experience

- Advising Unit Ambassador, University of Jeddah**10/2023 – 10/2024
 - Assisted over 100 new students with academic registration, improving onboarding efficiency.
 - Conducted weekly orientation sessions for freshmen, increasing student interaction by 25%.
 - Resolved academic inquiries via email and in-person, maintaining 95% satisfaction rate.
 - Collaborated with university staff to streamline transition programs for first-year students.
- Trainer, The Saudi National Bank - SNB**06/2024 – 07/2024
 - Built a localized user interface for SNBeCorp integrated with an AI chatbot, enhancing customer experience.
 - Organized and structured internal datasets used in wholesale business analytics.
 - Supported 3 side projects, contributing to improved documentation and internal communications.
 - Improved UI response time by 20% through frontend optimization.
 - Reduced manual entry errors by 35% via chatbot automation.
 - Created training materials and conducted sessions for junior staff on UI tools and AI modules.

Education

- BSc in Computer Science, Jeddah University**08/2020 – 12/2024
- GPA: 4.03

Projects

- Mindspace, Mental Health Web Application**08/2024 – 12/2024
 - Built a secure mental health web platform for university students using Flask and Firebase.
 - Implemented AI-powered recommendation engine, improving resource matching by 40%.
 - Designed a responsive UI using HTML/CSS/JavaScript, achieving mobile-first compatibility.
 - Ensured data privacy through encrypted communications and Firebase Authentication.
 - Achieved 98% uptime during user testing phase.
- Senior Project, Speak Easy**12/2023 – 12/2024
 - Developed a VR-based English language platform with real-time conversational AI feedback.
 - Integrated backend (Flask) with AI APIs and React frontend for seamless interaction.
 - Connected the system to NoSQL database, enabling scalable data storage.
 - Designed UI/UX in Figma, resulting in 30% better user engagement in testing sessions.
 - Increased practice session length by 50% based on user feedback.

Certificates

- Python Essentials 1 & 2, cisco Networking Academy
 - Machine Learning with Python, IBM
 - Data Management and Analysis Course, Huawei
- Red Hat System Administration I (RH124), Red Hat
 - Data Analyst in Power BI, DataCamp
 - Associate Data Analyst in SQL, DataCamp

Skills

- Time Management
 - Power BI
 - Communication skills
- Excel
 - Problem Solving
 - Python
- Team Collaboration
 - Full-end development
 - JavaScript
- Firebase
 - NoSQL
 - Figma
- Flask