# Anas Alhamdan *Product Manager*

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## Objective

A highly motivated final-year **Computer Science** student at King Saud University, with strong skills in Python programming, Natural Language Processing (NLP), data analysis, and product management. Experienced in leading academic projects from ideation through deployment, I bring a strategic approach to solving problems and delivering user-centered solutions. Seeking an entry-level position where I can leverage my technical expertise and product management skills to contribute to impactful, innovative solutions within a collaborative team.

## Education

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|---|---|
| 2021/09 – present | **Bachelor's degree in computer science** |
| Riyadh | *King Saud University* |
| | Expected graduation date : Sep 2025 |

## Certificates

**Artificial Intelligence Fundamentals** ⧉
Issued by IBM SkillsBuild ⧉

## Skills

**Programming Languages**
Python, Java, SQL

**Technologies**
NLP, Word Embedding Models, Information Retrieval

**Data Analysis**
Pandas, NumPy, Matplotlib

**Product Management**
Roadmap Development, Market Research, Cross-functional Team Coordination, Product Lifecycle Management, Data-driven Strategy.

## Soft Skills

**Teamwork**

**Leadership**

**Problem-Solving**

**Continuous Learning**

**Time Management**

**Critical Thinking**

## Projects

**Parallelized Boolean Search Engine**
Developed a Python-based search engine that indexes and searches news articles using an inverted index and boolean search. Utilized multiprocessing to enhance indexing performance, allowing efficient processing of large datasets. Implemented user-friendly features like logical query parsing and real-time result display.

**Nabesh**
Developed a semantic game using NLP and word embedding models. The game ranks words and allows users to guess based on contextual similarity, similar to Contexto.

**UniBag**
*UniBag*: *AI-Driven Educational Platform*
Developed an innovative platform designed to enhance university students' learning experience. UniBag centralizes study materials, tracks progress, and provides AI-generated practice questions to support efficient and effective academic achievement. Introduced structured learning, personalized scheduling, and an extensive academic repository to address common student challenges.

## Hackathon Participation

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| 2023/01 – 2023/02 | **Alibaba Cloud Hackathon, Leap 2023** ⧉ |
| | *Top 100 Finalist* |
| | Participated in the "**Daoob**" project, aimed at connecting students to the labor market by offering cooperative training opportunities. Qualified for the **final stage** of the hackathon. |

## Experience & Volunteering

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| 2024/08 – 2025/01 | **Leader, Public Relations Committee** |
| | *Cyber Security Club* |
| 2023/01 – 2024/01 | **Social Media Team Leader** |
| | *Cyber Security Club* |
| 2022/09 – 2023/06 | **Member** |
| | *Google Student Developers Club* |
| 2023/09 – present | **Marketing Team Member** |
| | *Innovation Club* |
| 2023/08 – 2024/02 | **Marketing Team Member** |
| | *Student Partnership Program* |
| 2022/12 | **Member** |
| | *Outstanding and Talented Students Program.* |