

# Abdullah Altamimi

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## EDUCATION

**KAUST University**, *Artificial Intelligence Summer School*

June 2025 – August 2025

- Selected among 100 students from 10,000 applicants for a 320-hour AI summer program at KAUST
- Completed intensive 8-week curriculum covering CNNs, transformers, reinforcement learning, NLP, computer vision, diffusion models, and large language models (LLMs).


**King Saud University**, *Bachelor of Software Engineering*

August 2021 – May 2025 | Riyadh, KSA

GPA 4.87/5

Excellent with First Honors Degree

## PROJECTS

**B3D (3D Reconstruction Project)** 

- Built an automated pipeline to reconstruct 3D assets from 2D images using Gaussian Splatting and COLMAP.
- Integrated SAM-2 (Segment Anything Model) for object segmentation and mask propagation, producing cleaner and more accurate reconstructions.
- Applied depth estimation with Depth Anything V2 to enhance geometric detail and realism in the 3D models.

**Hayyan (Graduation project)**

- Integrated OpenAI API and crafted optimized prompts, reducing summary generation time from 3 minutes to 20 seconds.
- Developed a token estimation algorithm to control costs by rejecting files exceeding 100,000 tokens, cutting unnecessary API usage by over 60%.
- Served as Scrum Master for a team of 5, applying Agile methodology across 4 sprints to deliver a high-impact product
- Utilized Docker for containerization to ensure consistency across development and deployment environments.
- Deployed the project on Vercel and Railway to enable scalable and reliable user access.
- Designed the entire user interface and experience using Figma, creating intuitive and user-friendly workflows.

**TASHALIH**

- Designed the entire user interface and experience using Figma, creating intuitive and user-friendly workflows.
- Built and developed the chatbot feature using GPT api to provide interactive assistance
- Led Agile development process across 4 sprints, facilitating sprint planning, daily stand-ups, and retrospectives to ensure timely delivery and continuous improvement.

## CERTIFICATES

**Certified Data Management Professional (CDMP)** 

Gained comprehensive expertise in data management principles including data governance, quality, architecture, lifecycle management, and master data management, aligned with DAMA-DMBOK best practices to support organizational data strategy and improve decision-making.

**Udacity Deep Learning Nanodegree** 

Gained practical expertise in deep learning techniques, including neural networks, convolutional neural networks (CNNs), and sequence models, by building and deploying 4 end-to-end projects that involved data preprocessing, model training, and performance evaluation.

**Udacity Data Analyst Nanodegree** 

Developed strong data analysis skills through 3 projects involving data cleaning, exploration, and visualization using Python libraries such as Pandas, Matplotlib, NumPy, and Seaborn, enabling effective extraction of insights to support data-driven decision-making.

**Artificial Intelligence Advanced Program by KAUST Academy** 

- Gained expertise in computer vision, building classification and detection models during a 40-hour intensive program.
- Utilized Python libraries (NumPy, pandas) for data preprocessing, including categorical encoding (binary and multi-class), missing value imputation, and data normalization.

## VOLUNTEER EXPERIENCE

**Member of Google Developer Student Club**

supporting technical workshops and collaborating on student-led projects.

**Member of Digital Innovation Unit club**

Participated in volunteer initiatives focused on community service and organizing events to support social impact and student engagement.

## SKILLS

Technical Skills: Java, Python, HTML/CSS/JavaScript, SQL, Node.js, Data Analysis, Machine Learning, Deep Learning, Computer Vision, NLP, .

Soft Skills: Leadership, Communication, Planning, Time Management, Problem Solving, Logical Thinking.