

Mohamad Mustafa Abdulkadir

📍 Abu Dhabi - UAE @ mohdalsheikhh@gmail.com 🔗 <https://mohamad-abdulkadir.github.io>

Education	United Arab Emirates University	January 2021 - May 2025
	Bachelor of Science in Computer Science	
	GPA: 3.97	
	Dean's List Award: Fall 2022, Spring 2023, Spring 2024, and Fall 2024	

Experience	ADIA Lab	June 2025 - August 2025
	Research Intern	Abu Dhabi - UAE
	Working on a project titled "Analyzing the Role of Foundation Models in Clinical Decision Support" under the supervision of Dr. Farah Shamout	
	e&	January 2025 - April 2025
	AI Intern	Dubai - UAE
	<ul style="list-style-type: none">• Worked on integrating an AI-powered content recommendation tool with the Starz On Business platform• Developed a bespoke chatbot for Starz On Business to automate tier-1 customer support cases using the platform's guides and FAQs	

Research Projects	United Arab Emirates University - SURE+ Grant	June 2024 - January 2025
	<ul style="list-style-type: none">• Researched the use of artificial intelligence in task classification and allocation in mobile crowdsensing platforms• Developed techniques to generate synthetic training data for task classifiers• Introduced a task classification approach based on a combination of machine learning models and filtering algorithms	
	Advanced Technology Research Council - STEM Youth Mentorship Program	November 2023 - September 2024
	<ul style="list-style-type: none">• Researched non-stationary contextual-bandit algorithms and large language models for recommender systems• Worked on introducing change-point detectors to contextual bandit algorithms to enhance performance in stochastic environments and fine-tuning large language models for recommendation tasks	
	United Arab Emirates University - SURE+ Grant	May 2023 - March 2024
	<ul style="list-style-type: none">• Worked on developing an adaptive educational chatbot powered by artificial intelligence.• Actively participated in all project phases.	

Selected Projects

- **Implementing Sliding-Window LinUCB and Discounted LinUCB algorithms**
 - Implementing the algorithms proposed in “On Upper-Confidence Bound Policies for Non-Stationary Bandit Problems” using Python
 - Performed simulation to reproduce the results
- **Fine-Tuning Large Language Models**
 - Fine-Tuned Llama 2 7b LLM on an un-structured dataset
 - Utilized Amazon Sagemaker and other AWS tools to fine-tune the model
 - Deployed the model on AWS
- **Automated Attendance System**
 - Fine-tuned ImageNet for face recognition to obtain face embeddings
 - Fine-tuned YOLOv8 for face detection
 - Deployed the system using Streamlit

Publications	Vault-PMS: A Vault-Based Password Management System for Secure Offline Data Storage IWCMC, 2024 M. Abdulkadir , S. Alketbi, H. Lamaazi, R. Altamimi, S. Alblooshi and A. Lakas
---------------------	--

Open-Source Contributions	Deep-ML: Leetcode-style problems for machine learning and linear algebra
---------------------------	--

Certifications	Samsung Innovation Campus Artificial Intelligence Course	November 2024
	Samsung	
	AI Programming with Python Nanodegree	October 2024
	Udacity	
	Introducing Generative AI with AWS	July 2024
	Udacity	

Languages	English
	● ● ● ● ●
	Arabic
	● ● ● ● ●
	Somali
	● ● ● ● ●