

Mohamad Mustafa Abdulkadir

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Education	United Arab Emirates University Bachelor of Science in Computer Science GPA: 3.97	January 2021 - May 2025
Experience	ADIA Lab Intern Working on a project titled "Analyzing the Role of Foundation Models in Clinical Decision Support" under the supervision of Dr. Farah Shamout	June 2025 - August 2025 Abu Dhabi - UAE
	e& Trainee <ul style="list-style-type: none">Worked on integrating an AI-powered content recommendation tool with the Starz On Business platformDeveloped a bespoke chatbot for Starz On Business to automate tier-1 customer support cases using the platform's guides and FAQs	January 2025 - April 2025 Dubai - UAE
Research Projects	United Arab Emirates University - SURE+ Grant <ul style="list-style-type: none">Researched the use of artificial intelligence in task classification and allocation in mobile crowdsensing platformsDeveloped techniques to generate synthetic training data for task classifiersIntroduced a task classification approach based on a combination of machine learning models and filtering algorithms	June 2024 - January 2025
	Advanced Technology Research Council - STEM Youth Mentorship Program <ul style="list-style-type: none">Researched non-stationary contextual-bandit algorithms and large language models for recommender systemsWorked on introducing change-point detectors to contextual bandit algorithms to enhance performance in stochastic environments and fine-tuning large language models for recommendation tasks	November 2023 - September 2024
	United Arab Emirates University - SURE+ Grant <ul style="list-style-type: none">Worked on developing an adaptive educational chatbot powered by artificial intelligence.Actively participated in all project phases.	May 2023 - March 2024
Selected Projects	Implementing Sliding-Window LinUCB and Discounted LinUCB algorithms <ul style="list-style-type: none">Implementing the algorithms proposed in “On Upper-Confidence Bound Policies for Non-Stationary Bandit Problems” using PythonPerformed simulation to reproduce the results	
	Fine-Tuning Large Language Models <ul style="list-style-type: none">Fine-Tuned Llama 2 7b LLM on an un-structured datasetUtilized Amazon Sagemaker and other AWS tools to fine-tune the modelDeployed the model on AWS	
	Automated Attendance System <ul style="list-style-type: none">Fine-tuned ImageNet for face recognition to obtain face embeddingsFine-tuned YOLOv8 for face detectionDeployed the system using Stremlit	
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	
Certifications	Foundations of Generative AI Udacity	December 2024
	Samsung Innovation Campus Artificial Intelligence Course Samsung	November 2024
	AI Programming with Python Nanodegree Program Udacity	October 2024
	Introducing Generative AI with AWS Udacity	July 2024
	ATRC STEM Youth Mentorship Program Advanced Technology Research Council	June 2024
Open-Source Contributions	Deep-ML: Leetcode-style problems for machine learning and linear algebra	
Awards	Dean's List Award College of Information Technology	Fall 2022
	Dean's List Award College of Information Technology	Spring 2023
	Dean's List Award College of Information Technology	Spring 2024
	Dean's List Award College of Information Technology	Fall 2024