

Mohamad Mustafa Abdulkadir

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

Education	United Arab Emirates University Bachelor of Science in Computer Science GPA: 3.97 Dean's List Award: Fall 2022, Spring 2023, Spring 2024, and Fall 2024	January 2021 - May 2025
Experience	ADIA Lab Research 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& AI Intern <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 IWC MC, 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	