## Mohamad Mustafa Abdulkadir

Education	United Arab Emirates University Bachelor of Science in Computer Science GPA: 3.99	January 2021 - April 2025
	Udacity AI Programming with Python Nanodegree Program	June 2024 - October 2024
Experience	United Arab Emirates University - SURE+ Grant Student Researcher	June 2024 - January 2025
	<ul> <li>Researched the use of artificial intelligence in task classification and allocation in mobile crowdsensing platforms</li> </ul>	
	<ul> <li>Developed techniques to generate synthetic training data for task classifiers</li> </ul>	
	<ul> <li>Introduced a task classification approach based on a combination of machine learning models and filtering algorithms</li> </ul>	
	Advanced Technology Research Council - STEM Youth November 2023 - September 2024 Mentorship Program Student Researcher	
	<ul> <li>Researched non-stationary contextual-bandit algorithm recommender systems</li> </ul>	ns and large language models for
	<ul> <li>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</li> </ul>	
	<b>United Arab Emirates University - SURE+ Grant</b> Student Researcher	May 2023 - March 2024
	<ul> <li>Worked on developing an adaptive educational chatbot powered by artificial intelligence.</li> </ul>	
	• Actively Participated in all project phases.	
Selected Projects	Implementing Sliding-Window LinUCB and Discounted Li	
	<ul> <li>Implementing the algorithms proposed in "On Upper-Confidence Bound Policies for Non-Stationary Bandit Problems" using Python</li> </ul>	
	<ul> <li>Performed simulation to reproduce the results</li> </ul>	
	Fine-Tuning Large Language Models	
	Fine-Tuned Llama 2 7b LLM on an un-structured dataset	
	<ul> <li>Utilized Amazon Sagemaker and other AWS tools to fine-tune the model</li> </ul>	
	<ul> <li>Deployed the model on AWS</li> </ul>	
	Automated Attendance System	
	• Fine-tuned ImageNet for face recognition to obtain face	embeddings
	<ul> <li>Fine-tuned YOLOv8 for face detection</li> </ul>	
	Deployed the system using Stremlit	
Publications	Vault-PMS: A Vault-Based Password Management System IWCMC, 2024	for Secure Offline Data Storage
	M. Abdulkadir, S. Alketbi, H. Lamaazi, R. Altamimi, S. Alblo	oshi and A. Lakas
Certifications	Samsung Innovation Campus Artificial Intelligence Cours	e November 2024
	ATRC STEM Youth Mentorship Program Advanced Technology Research Council	
	Introducing Generative AI with AWS Udacity	
	Machine Learning with Python FreeCodeCamp	
Open-Source Contribution	Deep-ML: Leetcode-style problems for machine learning and linear algebra	
Awards	<b>Dean's List Award</b> College of Information Technology	Fall 2022
	Dean's List Award College of Information Technology	Spring 2023
	Dean's List Award	Spring 2024
	College of Information Technology	

College of Information Technology