

<div><div>Mohamad Mustafa Abdulkadir</div><div><div><div><div></div></div>Abu Dhabi - UAE</div><div><div><div></div></div>@ mohdalsheikhh@gmail.com</div><div><div><div></div></div>https://mohamad-abdulkadir.github.io</div></div></div>		
Education	<div><div>United Arab Emirates University</div><div>Bachelor of Science in Computer Science</div><div>GPA: 3.97</div><div>Dean's List Award: Fall 2022, Spring 2023, Spring 2024, and Fall 2024</div></div>	January 2021 - May 2025
Experience	<div><div>ADIA Lab</div><div>ML Research Intern</div><div><div><div><div></div></div>Developed a transformer-based encoder to predict in-hospital mortality from 48x76 multivariate EHR time-series data, achieving high AUROC and Recall.</div><div><div><div></div></div>Implemented attention and gradient-based methods to track feature importance.</div><div><div><div></div></div>Built a ground-truth report generation pipeline that converts raw EHR sequences into structured text summaries and curates them using an LLM.</div><div><div><div></div></div>Working on fine-tuning an LLM for clinical report generation and exploring alignment approaches to ensure factual grounding and accuracy.</div></div></div>	June 2025 - August 2025 Abu Dhabi - UAE
	<div><div>e&amp; AI Intern</div><div><div><div></div></div>Worked on integrating an AI-powered content recommendation tool with the Starz On Business platform</div><div><div><div></div></div>Developed a bespoke chatbot for Starz On Business to automate tier-1 customer support cases using the platform's guides and FAQs</div></div>	January 2025 - April 2025 Dubai - UAE
Research Projects	<div><div>United Arab Emirates University - SURE+ Grant</div><div><div><div></div></div>Researched the use of artificial intelligence in task classification and allocation in mobile crowdsensing platforms</div><div><div><div></div></div>Developed techniques to generate synthetic training data for task classifiers</div><div><div><div></div></div>Introduced a task classification approach based on a combination of machine learning models and filtering algorithms</div></div>	June 2024 - January 2025
	<div><div>Advanced Technology Research Council - STEM Youth Mentorship Program</div><div><div><div></div></div>Researched non-stationary contextual-bandit algorithms and large language models for recommender systems</div><div><div><div></div></div>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</div></div>	November 2023 - September 2024
Selected Projects	<div><div>Implementing Sliding-Window LinUCB and Discounted LinUCB algorithms</div><div><div><div></div></div>Implemented the algorithms proposed in “On Upper-Confidence Bound Policies for Non-Stationary Bandit Problems” using Python and reproduced the results</div></div>	
	<div><div>Fine-Tuning Large Language Models</div><div><div><div></div></div>Fine-Tuned Llama 2 7b LLM on an unstructured dataset</div><div><div><div></div></div>Utilized Amazon Sagemaker and other AWS tools to fine-tune and deploy the model</div></div>	
	<div><div>Automated Attendance System</div><div><div><div></div></div>Fine-tuned YOLOv8 for face detection</div><div><div><div></div></div>Fine-tuned EfficientNet for face recognition to obtain face embeddings</div><div><div><div></div></div>Deployed the system using Stremlit</div></div>	
Publications	<div><div>DoS-based Fake Task Injection for Disrupted Sensing (Accepted)</div><div>AICCSA, 2025</div><div>Mohamad Abdulkadir, Hanane Lamaazi and Ruhul Amin Khalil</div></div>	
	<div><div>Vault-PMS: A Vault-Based Password Management System for Secure Offline Data Storage</div><div>IWCMC, 2024</div><div>M. Abdulkadir, S. Alketbi, H. Lamaazi, R. Altamimi, S. Alblooshi and A. Lakas</div></div>	
Open-Source Contributions	<div><div>Deep-ML: Leetcode-style problems for machine learning and linear algebra</div></div>	
Certifications	<div><div>Samsung Innovation Campus Artificial Intelligence Course</div><div>Samsung</div></div>	November 2024
	<div><div>AI Programming with Python Nanodegree</div><div>Udacity</div></div>	October 2024
	<div><div>Introducing Generative AI with AWS</div><div>Udacity</div></div>	July 2024