

EDUCATION

United Arab Emirates University	Al Ain, UAE
Bachelor of Science in Computer Science; GPA: 3.99	January 2021 – April 2025
Udacity	
AI Programming with Python Nanodegree Program	June 2024 – October 2024

SKILLS SUMMARY

- **Languages:** Java, Python, JavaScript, SQL
- **Frameworks:** PyTorch, NumPy, Pandas, Matplotlib, Scikit-Learn
- **Tools:** MySQL, SQLite, Firebase, Git

WORK EXPERIENCE

Student Researcher   UAEU SURE+ Program	June 2024 – December 2024
<ul style="list-style-type: none"><li>○ Researching the use of artificial intelligence in task classification and allocation in mobile crowdsensing platforms</li><li>○ Developed techniques to generate synthetic training data for task classifiers</li><li>○ Co-Authoring a research paper</li></ul>	
Student Researcher   STEM Youth Mentorship Program	November 2023 – September 2024
<ul style="list-style-type: none"><li>○ Researching non-stationary contextual-bandit algorithm</li><li>○ Working on introducing change-point detectors to contextual-bandit algorithms to enhance in performance in stochastic environments (recommendation systems)</li><li>○ Co-Authoring a research paper</li></ul>	
Student Researcher   UAEU SURE+ Program	May 2023 – March 2024
<ul style="list-style-type: none"><li>○ Worked on developing an adaptive educational chatbot powered by artificial intelligence.</li><li>○ Actively Participated in all project phases.</li></ul>	

PROJECTS

Implementing Sliding-Window LinUCB and Discounted LinUCB algorithms
<ul style="list-style-type: none"><li>○ Implementing the algorithms proposed in “On Upper-Confidence Bound Policies for Non-Stationary Bandit Problems” using Python</li><li>○ Performed contextual-bandit simulation to reproduce the results</li></ul>
Fine-Tuning Large Language Models
<ul style="list-style-type: none"><li>○ Fine-Tuned Llama 2 7b LLM on an un-structured dataset</li></ul>

- Utilized Amazon Sagemaker and other AWS tools to fine-tune the model
- Deployed the model on AWS

## Crime Prediction Using Classification and Regression Techniques

- Developed a machine learning-based solution for crime prediction using an integrated approach involving multi-classification and regression techniques
- Handled unorganized data and performed advanced data processing and feature engineering techniques
- Achieved an F1 score of 0.84 in classification and an MSE of 2.97 in regression

---

## 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

---

## CERTIFICATES

- Introducing Generative AI with AWS | Udacity
- Machine Learning with Python | FreeCodeCamp
- ATRC STEM Youth Mentorship Program | Advanced Technology Research Council