MARIA AIDARUS

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EDUCATION

Carnegie Mellon University
BSc in Information Systems with a Double Minor in Business Administration and Tech Entrepreneurship
Expected Graduation: May 2025

WORK EXPERIENCE

Project Manager Intern | *American Tiger LLC* | August - October 2024
- Led a cross-functional team to deliver a web project on time and within scope, using agile methodologies..
- Facilitated communication between developers and stakeholders to ensure alignment on goals and timelines.
- Analyzed user feedback to drive iterative improvements, ensuring the final product met user and business needs.

Web Architecture Intern | *American Tiger LLC* | July - August 2024
- Developed a Django and React-based web application for data processing in the medical field.
- Built and managed the entire backend architecture to support scalable and efficient data processing.
- Configured JWT-based authentication, ensuring secure handling of data through best practices and security audits.

Software Engineering Intern | *Avey* | December 2023
- Developed and implemented a Python-based data management system integrating cloud service APIs.
- Enhanced workflow efficiency through a terminal-based interface for data inventory and label management.
- Created comprehensive documentation and utilized Git & GitHub for version control.

Information Systems Consulting Project | *Gulf Organization for Industrial Consulting (GOIC)*
- Spearheaded the development of a comprehensive website tailored to the client's specific needs using WP Engine.
- Managed the deployment and ensured a robust, scalable, and user-friendly digital presence.
- Demonstrated exceptional leadership, project management skills, and achieved project milestones on time.

PROJECTS

Full Stack Web Application | *Ruby on Rails*
- Developed a full stack web application using the MVC framework in Ruby on Rails.
- Incorporated custom methods and a secure API.
- Implemented rigorous testing using Capybara, Cucumber and Selenium Webdriver.

Clickbait Detection Using BERT | *11-411 NLP Course*
- Developed a BERT-based text classification model for detecting clickbait headlines.
- Implemented data preprocessing, tokenization, and model training using PyTorch and the Hugging Face library.
- Evaluated model performance using metrics such as accuracy and loss on training, validation, and test datasets.

CERTIFICATES

- **Cybersecurity Fundamentals Certificate** | *IBM*
- **Engineering in Healthcare** | *Texas A&M University*

SKILLS

Programming : Proficient in Python, C++, Java, Ruby
Web Development: Proficient in Ruby on Rails, Django, Node.js, TypeScript, Javascript, React, HTML, CSS
Deployment & Cloud Services: Proficient in Netlify, Flask, Google Cloud Platform (GCP), Docker, Firebase
UI/UX Design & Prototyping: Proficient in Balsamiq, Figma, AdobeXD
Data Visualization and Analysis: Proficient in Matplotlib, Pandas, R, RStudio
Database Management: SQL, MongoDB, PostgreSQL
Languages: Native proficiency in English and Arabic, Elementary proficiency in Dutch