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Ramiz Shahin

GitHub
LinkedIn
Portfolio

Education

Birzeit University   Sep 2020 - Jul 2025
BS in Computer Systems Engineering

Relevant Projects

RMPortal - Full Stack Webapp
- Built a webapp to parse regression logs using plugins to JSON and store them through the backend
- Used different types of charts for displaying the regression analysis
- Developed the application using **React** on the frontend, **NodeJS**, **Express** & **MySQL** for the backend and **Python** for the parser and plugins

C-Based Data Management Systems - Console Applications
- Developed two distinct C programs to demonstrate efficient data management:
  1. A pharmacy medicine record system leveraging binary search trees and hashing for optimized storage and retrieval.
  2. A World Cup tracking application utilizing linked lists to manage teams and match results.
- Implemented core data structures and algorithms to ensure program efficiency and data integrity.

Supermarket - Database Management System
- Designed and implemented a supermarket database system using Python and MySQL to enable efficient inventory management, sales tracking, and customer information management.
- Developed a robust database schema to store and retrieve data effectively.
- Leveraged Python for scripting and interacting with the MySQL database to manage various operations.

HTTP Socket Server - Networks
- Built a simple HTTP web server using Sockets in Python
- Collaborated with a team of developers to implement request handling and response generation to serve dynamic content to the client

Technical Skills

Programming Languages: Python, C, Java, HTML, CSS, JavaScript
Web Development: React (basic), Node.js
Databases: MySQL, MongoDB
HDL & Assembly: Verilog HDL, ARM, PIC
Software Concepts: OOP, Data Structures, Real-Time Systems (POSIX Threads)
AI & CV: Basic Machine Learning, Basic Computer Vision

Certifications & Licenses
- The Web Developer Bootcamp by Colt Steele on Udemy

Languages

Arabic – native
English - fluent