Anthony Nicolas Ghrayeb

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EDUCATION

AMERICAN UNIVERSITY OF SCIENCE AND TECHNOLOGY (AUST) - SAIDA, LEBANON

B.S. in Computer Science.   *October 2021 – August 2024*

- *Cumulative GPA: 3.4/4.0*

COLLEGE NOTRE DAME DES SOEURS SALVATORIENNES - ABRA, LEBANON

Lebanese Baccalaureate in Life Sciences (SV)

EXPERIENCE

Laguava   **Rmeileh, Lebanon**

Position Held: Cashier   *June 2022 – July 2022*

- Worked on Omega Software

Hotel Dieu de France   **Achrafieh, Lebanon**

Position Held: Intern   *August 2024 – September 2024*

- Developed skills in database management and network security, including SQL query optimization and VLAN configuration.
- Performed system maintenance and contributed to network management, enhancing overall operational efficiency.

PROJECTS

Student Management System - Database Project:

- Microsoft Access database for student record management.

Mobile App Shop Project:

- Java mobile app in Android Studio for managing electronics purchases with SQLite integration.

OpenGL Car Animation Project:

- C++ interactive graphical scene using OpenGL for animated cars and lighting.

Pushdown Automaton (PDA) Implementation:

- Java application simulating a pushdown automaton with user-defined states and transitions.

Data Structure Project:

- C++ bookstore management system using a doubly linked list for book operations.

User Authentication Web Application:

- Java app with servlets and JSP for user authentication, using SQL Server for database management and connectivity.

Virtual Hard Disk Management on Ubuntu:

- Added and partitioned a virtual hard disk with permanent mounting via /etc/fstab.

Bash Calculator and Prime Checker:

- Developed Bash scripts for arithmetic operations and primality validation.

COVID-19 Trends Analysis - Data Science:

- Used Power BI and Python to analyze and visualize global COVID-19 data, highlighting trends across countries over time.

Printer Queue System - Operating Systems:

- Developed a Java application for managing print jobs with user authentication and priority-based processing through a user-friendly interface.

Teal Fitness Web Application:

- Developed a fitness site using PHP, HTML, CSS, and JavaScript/jQuery to personalize workouts through user quizzes, enhancing health and wellness.

Sentiment Analysis of Tweets - Data Science:

- Created a Python project using Tweepy to classify tweet sentiments by collecting data, cleaning it, and training it with NLP algorithms like Naive Bayes and LSTM.

EDUGATE - Final Year Project:

- Developed an engaging game in Roblox Studio tailored for students with ADHD and dyslexia, achieving an A grade and securing 3rd place at the expo.

Other Projects:

- 90-Question Web-Based Enneagram Assessment.
- E-Commerce Website.

SKILLS & LANGUAGES

Technical Skills:

- Programming Languages: Python, C++, C, Java, LUA, SQL
- Web Development: JSON, HTML, CSS, PHP, JS
- Database: MySQL
- Game Design and Development
- Mobile App Development: Java
- System Hardware Fundamentals
- Linux Operating System: Ubuntu and Fedora
- Github, Github Desktop, Git
- System Security
- Power BI: DAX
- Data Visualization: Matplotlib, Axes3D
- Data Manipulation: Pandas, NumPy
- Networks

Languages:

- Arabic (Native), Fluent in French and English, Intermediate in Spanish

Soft Skills:

- Communication, Critical Thinking, Problem Solving, Adaptability, Time Management, Team Player

CERTIFICATIONS
- Cisco CCNAv7: Introduction to Networking
- Cisco CCNAv7: IT Essentials

REFERENCES
Available upon request.