

KARIM ABI AAD

Computer Scientist

Summary

An American University of Science and Technology computer science student, proficient in programming and possessing a solid understanding of computer networking concepts. Demonstrating quick learning and problem-solving abilities, seeking a position to apply existing skills, acquire new experiences, and contribute effectively to an organization.

Experience

Software Development Intern NetVariant – Summer 2023

- Learned Java and SQL through structured training sessions.
- Gained hands-on experience with software testing methodologies.
- Acquired knowledge of the software development process, including requirements gathering, design, implementation, testing, and deployment.
- Participated in software testing to identify bugs and ensure product quality.

Projects

Casino(C++)

- Designed and implemented game mechanics for various casino games, including blackjack, roulette, and slot machines.
- Developed deep understanding of algorithms for random number generation.
- Constructed scoring systems, game logic, and user authentication features to enhance functionality and competitiveness.
- Implemented user-friendly interface with graphical elements for seamless navigation and enhanced user experience.
- Utilized advanced C++ features, including classes and inheritance, for a modular and scalable codebase.

Electric Billing System Generator(Java, MySQL)

- Designed and implemented the database schema using MySQL.
- Developed core functionalities of the system using Java OOP, such as invoice generation and customer data management, along with GUI components like JFrame for user interaction.
- Conducted testing and debugging to ensure system reliability and functionality.

Gaming Lounge Mobile App(XML, Java, SQLite)

- Created and managed an SQLite database, performing CRUD operations and writing SQL queries for user authentication and lounge data handling.
- Developed a secure user login and registration system, ensuring data validation and integrity with checks for existing user IDs and password matching.
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- Created user-friendly interfaces with EditText, Button, Spinner, ListView, and TextView components, enhancing user experience with intuitive navigation.

71-839327

KZA20008@students.aust.edu.lb

Beirut, New Rawda, Garden City Street

EDUCATION

Bachelor of Computer Science
American University of
Science and Technology
2022 – Present

Bach II Life Sciences
Modern Community School
2005 – 2020

TECHNICAL SKILLS

- Programming Languages: Java, Python, C++
- Database Management: MySQL, Microsoft Access
- Mobile Development: Android Studio

LANGUAGE

English

Arabic

French