Bechara **Rizk**

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OVERVIEW

An undergraduate Computer and Communications Engineering student. Looking for an internship or a job in Cybersecurity, Network Engineering, or DevOps. Experienced in multiple programming languages including Python, JavaScript, and C++. Accomplished projects tackling Web Development, Software Engineering, Databases, and Cryptography, in addition to solving many Capture the Flag exercises.

EXPERIENCE

- HIPERNATION – LEBANON
  Ethical Hacking & Penetration Testing Intern   **June 2023 – August 2023**
  - Conducted penetration tests for multiple clients, documented findings, and presented comprehensive reports and live demos to customers that enabled them to fortify their security.
  - Assessed identity management within client database systems, providing security improvement recommendations.
  - Enumerated machines on cloud environments (AWS) to help clients visualize their virtual infrastructure.

- MSFEA COMMUNICATIONS, AUB – LEBANON
  Web Editor   **June 2022 – June 2024**
  - Managed and edited AUB MSFEAs website's content accessed by the students and faculty members.
  - Enhanced the responsiveness of multiple pages to ensure correct rendering on various screen sizes.

EDUCATION

- American university of Beirut (AUB)
  Bachelor of Computer & Communications Engineering   **September 2020 – May 2024**
  - GPA: 3.91 – Graduated with Distinction
  - Placed on Dean's Honor List for 7 consecutive semesters: Spring 2020-2021 to Spring 2023-2024

- Grand Lycee Franco Libanais
  General Science Baccalaureate   **September 2007 – June 2020**
  - Graduated with a scientific baccalaureate.

PROJECTS (more on [rizkbechara.com](#))

- **HealthDB**
  - Designed a database starting from entity relationship diagram, mapping, and programming using PostgreSQL.
  - Normalized the database up to Boyce–Codd normal form and programmed webapp to manipulate the database.
- **Encryption Tools Website**
  - Developed the frontend and backend of a website using Django.
  - Implemented encryption ciphers, AES, DES, Elliptic Curve Cryptography, Digital Signature Algorithms, and more.
- **Adaptive MQTT/CoAP Switching**
  - Researched and studied the differences between different IoT communication protocols.
  - Programmed an adaptive protocol that used both protocols and showed promising results.

CERTIFICATIONS

CompTIA **Security+**	AWS **SysOps Administrator**

CORE SKILLS

- Linux (+ bash scripting)
- Active Directory (Windows)
- Python
- SQL (PostgreSQL)
- Penetration Testing
- Networking (GNS3)
- Django
- JavaScript – HTML – CSS

LANGUAGES

- **English**: Fluent
- **Arabic**: Native
- **French**: Native