Reve Chahine, <mark>Software Engineer</mark>

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Passionate about operations, cybersecurity, and artificial intelligence, I bring a unique blend of skills to tackle today's digital challenges. My experience has honed my ability to streamline operations, safeguard digital assets, and leverage AI for innovative solutions. Driven by curiosity and a collaborative spirit, I am dedicated to enhancing security and efficiency in any tech landscape.

WORK EXPERIENCE

Network Engineer Intern   **May 2023 – Jul. 2023**
Ogero   *Beirut, Lebanon*
- Gained insights into PSTN (Public Switched Telephone Network) infrastructure, resolving issues in Switching and Transmission.
- Developed skills in cable splicing, connection, and disconnection techniques, ensuring high-quality network service.
- Participated in the maintenance and troubleshooting of network equipment, enhancing network reliability and performance.
- Assisted in the configuration and setup of network hardware and software, gaining hands-on experience with industry-standard technologies.
- Engaged in fieldwork to understand the practical aspects of network engineering, including site surveys and infrastructure assessment.
- Collaborated with experienced engineers on projects to upgrade network systems, contributing to the modernization of telecommunications infrastructure.
- Received training on network security measures, learning about the importance of protecting data and communication lines.

Technical Sales Specialist   **Jan. 2023 – Aug. 2023**
Energy Bridge Telecommunication   *Beirut, Lebanon*
- Led client meetings, established key relationships, and contributed to sales strategies.
- Supported network engineers, improving technical issue resolution and customer satisfaction.
- Streamlined workflows, increasing operational efficiency.

IT Technicial Intern   **Jan. 2022 – Jun. 2022**
Nehme J Nehme Repair Center   *Beirut, Lebanon*
- Acquired hands-on experience in diagnosing and repairing a wide range of computer hardware and software issues, enhancing technical problem-solving skills.
- Conducted thorough assessments to identify the root causes of system failures and performance degradation, applying systematic approaches for efficient troubleshooting.
- Gained proficiency in installing, configuring, and updating software applications, ensuring optimal system performance and security for clients.
- Performed hardware repairs and replacements, including motherboards, hard drives, RAM, and power supplies, demonstrating attention to detail and precision.
- Assisted in managing inventory of repair parts and tools, learning the importance of resource management and planning in a technical service environment.

EDUCATION

Lebanese International University, Lebanon   **Graduation Date: Spring 2024**
Bachelor of Science in Computer Engineering, with Distinction

PROJECTS

Object Detection using YOLOV8 Algorithm
- Developed a cutting-edge object detection system utilizing the YOLO8 algorithm, achieving high accuracy in real-time object identification. This project showcased the potential of advanced neural networks in practical applications.

Incident Tracker
- Designed and implemented a web-based that tracks and updates the incidents that happen in every department and reports it to the one in charge using Html, CSS, Js, bootstrap, and PHP.

Money Transfer Software
- Developed a secure and efficient money transfer software enabling users to conduct fast and reliable financial transactions. The software incorporates robust security measures to ensure safe and seamless user experiences.

Hospital Management System using JAVA OOP
- Engineered a hospital management system using Java OOP to streamline hospital operations, including patient records, appointments, and billing. This solution enhances healthcare delivery by optimizing administrative tasks.

Breast Cancer Detection using Deep Learning
- Implemented a deep learning model to accurately detect breast cancer from mammographic images. This project demonstrates the potential of AI in early diagnosis and the significant impact on patient outcomes.

Medical Cost Prediction
- Implemented a binary classification AI to predict medical costs for patients with diabetes

Sign Language using openCv
- Implemented a deep learning model to accurately detect the English sign language and translate it to speech using speech-to-text from google .
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CERTIFICATIONS

- Zaka Certified AI Engineer
- Zaka Certified Python for Data Analyst
- AWS Certifications, Amazon, Issued Dec 2023. Skills: Cloud Computing
- Accreditation in Public Relations (PR), LinkedIn, Issued Jul 2023. Skills: Program Management, Product Development
- Avid Certified Support Representative for Media Composer, LinkedIn Learn, Issued Jul 2023. Skills: Media Research, Media Relations
- Certified Content Marketing Specialist, LinkedIn, Issued Jul 2023. Skills: SEO, SEO Copywriting, Copywriting
- Cyber Operations Certification, IBM, Coursera, Issued Apr 2023. Skills: Cyber Operations
- Python, SDG, Tableau Workshops, All Girls Code, Issued Feb 2023 (Expires Feb 2033). Skills: Python, Tableau
- Cisco Certified Network Associate Cyber Ops (CCNA), Cisco Networking Academy, Issued Jan 2023
- Path to Leadership, IEEE Young Professionals Lebanon, Issued Dec 2022. Skills: Team Leadership
- IEEE Wireless Communications Engineering Technologies (WCET), IEEE, Issued Nov 2022
- Managing Digital Reputation and Career Profile using LinkedIn, EdTech Syndicate in Lebanon EdTechS, Issued Nov 2022
- IEEE Student Member, IEEE, Issued Feb 2022. Credential ID 98299808
- CSX Cybersecurity Fundamentals Certificate (CSXF), Cisco, Issued Dec 2020. Credential ID Introduction to Cybersecurity English 1120
- Digital Marketing, Google, Issued Dec 2020
- Introduction to Programming Using Python, Coursera, Issued Nov 2020. Credential ID Y7FACSD8NGDU. Skills: Python
- Technical Support Fundamentals, Coursera, Issued Nov 2020. Credential ID NKXBGDN7M2XX

TECHNICAL SKILLS

Programming Languages: Python, Java, C++, C, Bash
Cloud Computing: AWS (Amazon Web Services)
Cybersecurity: Cyber Operations, Network Security (CCNA Cyber Ops), Cybersecurity Fundamentals (CSXF)
Data Analysis Tools: Tableau, Jupytor Notebook, Google Collab
Web Development: SEO, SEO Copywriting, Html, Javascript, CSS, next Js, Php, node Js, bootstrap.
Software Development Tools: Android Studio, GitHub
Database Management: SQL

Operating Systems: Proficient in Linux and Windows environments

LANGUAGES

- Fluent in English and Arabic