Salil Sleiman

Computer and Communications Engineering Student

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INTRODUCTON

I am an enthusiastic third-year Computer and Communications Engineering student at the Lebanese University with a strong background in programming, data analysis, and system modeling. Balancing my studies and volunteering, I am committed to self-improvement and aspire to apply technical skills in a real-world setting through a Computer and Communications Engineering internship .

EDUCATION

Lebanese University – Faculty of Engineering , Hadath, Lebanon   Oct. 2022 – Aug 2027
Bachelor of Computer and Communications Engineering
Cumulative GPA : 3.34 / 4.0

Lebanese University – Faculty of Sciencs , Hadath, Lebanon   Oct. 2022 – Aug 2026
Bachelor of Computer Science

ACHIEVEMENTS

Excel Expense Tracker with VBA
Lebanese University – Hadath   January 2023

- Developed an interactive Expense Tracker in Excel to streamline personal finance management. The project features a user-friendly data entry form created with VBA, allowing users to efficiently log and categorize expenses.
- Designed a custom UserForm for easy data entry, enhancing user experience and efficiency.
- Created a dynamic summary sheet using the SUMIF function and optional Pivot Tables to provide insights into spending patterns by category.
- Utilized Excel's built-in tools to visualize data, enabling better decision-making regarding personal finances.
- Leveraged VBA to automate data handling and improve the overall functionality of the workbook.

Wind Turbine Efficiency Analysis Project
Lebanese University – Hadath   April 2024

- Conducted MATLAB simulations to analyze and improve the mechanisms of wind turbines.
- Identified common inefficiencies and potential areas for optimization in existing wind turbine technologies.

- Developed and tested various adjustments to enhance the performance and efficiency of wind turbines.
- Proposed innovative solutions to address identified issues, aiming to create more effective and sustainable wind energy systems.

Urban Planning and Design Project
Lebanese University – Hadath   May 2024
- Collaborated on the design and planning of schools and multi-housing units using AutoCAD.
- Developed detailed top-view plans adhering to international standards and guidelines.
- Created and articulated comprehensive design concepts and plans to a jury panel.
- Successfully presented the project , demonstrating feasibility and innovation in urban planning.

Data Analysis and Visualization Project
Lebanese University – Hadath   August 2024

- Cleaned and prepared a dataset related to customer behavior , ensuring accuracy and consistency for analysis .
- Analyzed data to identify trends and patterns, including peak shopping times and customer demographics.
- Utilized Tableau and Python's Matplotlib to create interactive dashboards and graphs that effectively communicated key insights.
- Delivered a comprehensive presentation summarizing findings and recommendations tailored for a non-technical audience.
- Contributed to the marketing team's understanding of customer preferences , leading to the implementation of targeted campaigns that increased engagement by 20% in the following quarter.

Car Booking Application Project
Lebanese University – Hadath   February 2025
- Developed a car booking application using C#, ASP.NET, and SQL Server within an Agile framework, employing practices such as daily stand-ups ,sprint planning, and continuous integration to enhance user experience and streamline the reservation process.

VOLUNTEER WORK & EXTRA-CURRICULAR ACTIVITIES

- **Event Planner –** Eureka Club   *November 2023 – Present*
  Led a team of 5 in organizing several activities including the " Build your Bridge " competition, which resulted in a 30% increase in participant engagement , and the " Science Festival " .
- **Volunteer –** Kalimat   *March 2024 – Present*
  Participated in ARC Robot Championship , which included students from all over Lebanon , by organizing the tours and managing time with great precision in collaboration with the team .

CERTIFICATIONS /AWARDS

- Delf B2 – *August 2022*
- Introduction to Internet of Things – Cisco
- Python for Data Science , AI & Development – IBM

SKILLS

PROGRAMMING LANGUAGES : C , C# , Python , Java , HTML .
OBJECT-ORIENTED PROGRAMMING : Java , C# , Python .
MODELING AND SIMULATION SOFTWARE : MATLAB , Simulink .
CAD SOFTWARE : AutoCAD
DATA ANALYSIS AND SPREADSHEET SOFTWARE : MS Excel .
ALGORITHM DESIGN : Ability to conceive, design , and implement efficient algorithms .
DATABASE CREATION AND MANIPULATION : Skills in designing , creating , and managing databases using

SQL .
LANGUAGES: Arabic (Native), English (Fluent), French (Fluent) . **SOFT SKILLS:** Team work, Leadership, Communication, Problem solving, Negotiation, Budget Planning, Project management.