Ali Akbar Kahwaji

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EDUCATION

American University of Beirut	o **BE in Computer and Communications Engineering** o Placed on the **Dean's Honor list** with a cumulative **GPA of 3.66/4** o Awarded the **USAID University Scholarship Program**	Jan 2020 - Dec 2023

PROFESSIONAL EXPERIENCE

Internship at Matrix Design (Software Developer)   Jun – Aug 2022

My internship at Matrix Design took place over a period of 12 weeks in the Business Support Unit, in which I completed: Full-Stack Fixed Assets Management Website development from scratch using MERN, Rental and HR applications Testing, Fire Alarm systems testing and troubleshooting, Internal Systems maintenance using VEEAM and FortiGate.

PROJECTS

Final Year Project **"Social Media Analytics Dashboard"**	Built a flask dashboard for social media analytics from POSTGRES databases of scraped social media posts and comments from Instagram, Twitter, and Reddit to answer user questions in various analytical visualizations.	Apr 2023
Network Analyzer	An Android application that analyzes network metadata such as signal power, operator, SINR, frequency band, cell-Id, etc. Data is refreshed every 10 seconds and statistics can be requested from the server.	Dec 2022
Voting System	Collaborated with two teammates in designing a voting system from scratch, specifying requirements, preparing schemas, implementing the project using MySQL and creating an interactive UI using python.	Apr 2022
Driver's Drowsiness Detection	Contributed with a team of five members in building two ML models for eye and mouth state detection, and thus driver's drowsiness accordingly.	Apr 2023
The Crypt-Hub	A well-designed, user-friendly Java Built GUI that is used for data encryption/decryption of 7 ciphers including DES.	Dec 2022
Library Management System	Empowered my knowledge in software development through building a website for library management using Django and python. After prototyping and using agile methods, we worked in a team of five and completed this project.	Dec 2021

EXTRACURRICULAR ACTIVITIES (more than 140 hours)

Volunteer at Cenacle De La Lumiere (CDLL)	Introduced elderly and people affected by Beirut Blast to a free medical center in Achrafieh and gathered information and listened to the main needs in the area (Achrafieh) in teams of two.	Mar 2021
Volunteer at "I Leaf Art"	Giving hope and dreams back to the children of Karantina area in Beirut using art therapy that aims to support families and children who suffered and are still suffering in Beirut by adding illustrated stories to their walls.	May 2021
Workshops	Conflict Resolution Workshop	Time Management and Study Skills Workshop	Reflective E- Portfolio Workshop	Digital Media Workshop	Reflective Writing Workshop	Entrepreneurship Mindset Workshop	Presentation and Public Speaking Workshop	Digital Presentation and Design Workshop	Dec 2020

SUMMARY SKILL

- **Technical Skills:** Penetration testing, Ethical Hacking, Python, Java, C++, HTML, CSS, MERN, Django, MySQL, POSTGRES, MATLAB, VHDL, Assembly Code RISC-V, AutoCAD, PSpice, Data Scraping, Multisim, Prototyping, Microsoft Office, etc.
- **Soft Skills:** Leadership, teamwork, time management, public speaking and presentation, organization, and critical thinking, Leadership and Adaptability.
- **Languages:** Proficient in written and spoken English and Arabic.

REFERENCES

Available Upon Request