

ZEINAB CHMAYSSANI

Computer and Communication Engineer
Website Designer

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WORK EXPERIENCE

LIBRO L.L.C

Internship

AUG 2019- SEP 2019

Front-end web development, and web design

- Web development using html, css, javascript and bootstrap.
- Learning git and deploying projects on github and heruko.
- Creating a wordpress website theme using several plugins, in addition of using woocommerce and visual composer, and creating a child theme for wordpress.
- Learning about digital marketing, and design several ads using canva.
- Designing several business websites using shopify, strikingly, weebly and jimdo.
- Creating user experience UX wireframe and design.

OGERO TELECOM

Intenship

JULY 2018- SEP 2018

Working with PSTN network, switching concept and techniques, PCM, routing, SDH transmission system, fiber optic cables, PDH transport network , modulation techniques,DWDM overview.

AL AFAK INSTITUTE

IT Teacher

SEP 2017- MAY 2019

Teaching IT courses for BT sections.

AMERICAN UNIVERSITY OF BEIRUT

Research Assistant

JUNE 2019- JULY 2019

Transfer Learning Approach to Developing Large Scale Lexicon for Resource Constrained Languages Natural Language Processing, Developing machine learning models for linking lexicons from different languages with specific emphasis on expanding Arabic resources.

Supervised by Prof. Hazem Hajj

PROJECTS

Melody-Based Music Query System

Study tends to find an approach used in order to create a system for music search and retrieval.

A user sings a theme from the desired piece of music, and the system should match the humming with the most similar song in the database.

Using python

Spectrum-Based Classification of Test Outcomes

Studying the impact of unknown test outcomes on the accuracy of Spectrum based fault localization and developing a spectrum-based classification of unknown test outcomes based on the program elements they execute.

Using Java and R

E-Learning Website

A website that helps students and instructors communicate among each other. The website allows instructors to create courses, manage them, add students to the course, and post all relevant material or announcements online. Students are able to register courses, view available material, and check announcements. The website also provides a discussion form for each course that allows students and instructors to post discussions and allow others to participate in the discussion. A server is implemented to manage the back-end processes (database, interactions, notifications...) and sends notifications for any announcements by the instructor or any new discussions.

Using Java, PHP, JavaScript, HTML and CSS

FM Receiver

Design a FM receiver that is able to receive any FM signal especially common radio station broadcasts(88 MHz till 108MHz) and output the information via the sound card of the PC .

Using LabView Communication Software, Universal Software Radio Peripheral (NI USRP 2901)

My Manager Mobile Application

Android application that manage notes and tasks. The app helps the user organizing his notes and tasks into categories, arranging them and searching for them based on word occurrence or time.

Using Java and SQLite on Android Studios

Speech Recognition Using Correlation Technique

Computes a simple algorithm to match the patterns to recognize speech using cross correlation technique, and discover the similarity between two or more signals. Using MATLAB

SKILLS

- **Technical** : Front-end and back-end web development Android applications design Building Java desktop applications
- **Coding Languages**: Java , C, C#, R, SQL, PHP, JavaScript, HTML, CSS, Bootstrap,Python, Matlab, LaTeX, LabVIEW, VHDL, MIPS (assembly language).
- **Computer Applications**: Microsoft Office, Android Studios, NetBeans, R Studio, MySQL/SQL Server, PSpice, MPLAB, Proteus, visual Studio, Keil uVision, ModelSim, VMware, LabView, jupyter notebook, AutoCAD, Linux OS, CISCO Packet Tracer, wordpress, Adobe XD.

EDUCATION

- B.S. in Computer and Communication Engineering Lebanese International University, Nabatieh, Lebanon. Overall GPA: 3.07 (2013-2017)
- M.S. in Computer and Communication Engineering Lebanese International University, Nabatieh, Lebanon. (2017-2019)

CERTIFICATES

- Elite student in programming from Lebanese International University.

EXTRACURRICULAR ACTIVITIES

- Attending 2018 GrandTech seminar with IEEE Student Branch
- Active member at Atyaf forum art.
- Participation in many exhibitions oil painting , and Youth Organizations.
- Attending Summer DevC & JUG Developers Workshop with Beirut Facebook developer circles community.

LANGUAGES

- Arabic: Native Language
- English: Intermediate in written and spoken
- French: Intermediate in written and spoken

REFERENCES

SALAH AWAD

CTO at Berytech

I worked with salah at LIBRO, in the web development and design domain, he was my direct supervisor.

email: Salah.awad@outlook.com
