BATOUL HAMMOUD

Software Engineer

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EXPERIENCE

Intern at DPNA   Summer 2019

DPNA: Development for People and Nature Association

The objective was to promote sustainable development for people and places. We have implemented projects that respond to the needs of local communities based on sustainable development while having human rights as the guidance to our work.

ACADEMIC EXPERIENCE

Software engineering project:
The project is based on OCR (Optical Character Recognition) in developing a meter reading application and a web app. The user is able to convert his residences electrical consumption into the bill by just scanning the meter counter using the app. The web app displays the data with some additional exciting features.

Database Systems Project:
We developed a mobile application: "pharmatactics" to interact with a local database with a graphical user interface.
Technologies used are: SQLite and flutter.

TECHNICAL SKILLS

Programming languages: Java, Python, C, C++, html, PHP, CSS, JavaScript, Matlab, SML/NJ.

Applications: Microsoft word, Excel, PowerPoint, Android Studio, MYSQL, SQLite, NOSQL, LATEX.

Industry Knowledge: Software Project Management, Software Engineering, Entrepreneurship, Agile Methodologies, Product Development, Project Management, Research, Statistics, Algorithms, Data Structures.

Languages: English fluently, Arabic natively.

EDUCATION

B.S. in Computer Science   August 2017- Present

American University of Beirut   USAID Full Scholarship

COMMUNITY SERVICE PROJECT

The project is a well-planned attempt to solve the problem of unemployment using digital skills.

Funded by USAID, we are a group of five computer science students from AUB aiming to make a difference by keeping up with the modern world and solving problems with tech and STEM.

We aim to teach digital skills to the youth and people with physical disabilities on three levels. Starting with a deep training on Microsoft office, moving towards an introduction towards the basics of programming, ending up with building websites from scratch.

The project starts its execution phase at the end of December 2019.

SOFT SKILLS

• Research skills including Analytical Skills, problem formulation and Investigation skills.

• Good technical knowledge, time-management, flexibility, attention to details, problem solving, willingness to work in field, ability to deal with pressure, ability to meet deadlines, leadership and entrepreneurship…

• Public speaking and communication skills through the different volunteering activities.

VOLUNTEERING ACTIVITIES

•Instructor at All Girls Code: teaching coding to young girls, immersing them in STEM fields and empowering them.

•Volunteer at Mohamad Khaled Social Foundations: teaching children and enhancing their academic skills.

•Fundraising volunteer at Cancer Awareness Village and Barbara Nassar Foundation to collect funds for cancer treatments.

•Volunteer at Lebanon Reforestation Initiative: planting cedars in Hersh Bsharre, taking part in the National Campaign for Forest Fire Prevention, by providing support in forest scalping and weeding activities.

•Former Volunteer at USAID: organizing and assisting in the open days held in AUB to welcome new scholars of the scholarship program.

•Volunteer at Makhzoumi Foundation, Beirut by Bike, Beirutiyat and Beirut Marathon Association in organizing marathons for peace.

•Volunteer at food blessed: serving food for people in need including Syrian refugees, old people and people with disabilities.

•Volunteer at DPNA (Development for People and Nature Association): participating continuously in its workshops, activities, projects and campaigns… latest action: organizing its new library to welcome readers from all around the town.

EXTRACURRICULAR ACTIVITIES

•Vice President of AUB USP Club (University Scholarship Club).

•Member of the AUB Computer Science Society (2017-Current)

•Member at AUB Music Club.