Ibrahim Barada

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📍 Lebanon

Work Experience

IT Specialist at Deloitte & Touche   *(9/2018)*
IT specialist, audit and advisory serving clients in the digital sector. Mainly, we focus on providing risk assessment, information security assurance as well as general computer controls review for enterprises.

Software Engineer at General Paint Co.   *(1/2018 – 8/2018)*
Implemented web applications that served as a client service and customers support platform. Also, optimized a search engine for querying the chemical composition of the paints. Further, conducted user acceptance testing for the implemented software.

Teaching Assistant at AUB   *(09/2017 – 12/2017)*
Assisted in teaching the Cloud Computing Course at the American University of Beirut. Held labs and problem solving sessions. The following topics were majorly covered in the course: Amazon Web Services, Microsoft Azure Cloud Computing Platform and Services, Google Cloud Platform…

Software Developer at Allied Engineering Group *(06/2016 – 08/2016)*
Interned as a software developer at allied engineering group. Implemented a scalable multi-threaded disaster recovery system. Also, designed a graphical user interface for DR remote connection.

Researcher at Office of Institutional Equity at Montana State University   *(06/2017 – 08/2017)*
Conducted a research study on preventing discrimination and harassment for international students on campus. The research was guided by the office of Institutional Equity at Montana State University.

EDUCATION & CERTIFICATES

BS in Computer Science   *09/2014 – 12/2017*
American University of Beirut   Lebanon

Project Management and Leadership   *05/2017 – 08/2017*
Montana State University   USA

Technical Skills

Programming Languages: Java, Python, C++, C, PHP, HTML5, JS

Frameworks: Yii2, Codeception, OMNET++

Cloud Computing: AWS, Azure

Machine Learning: Scikit-learn (Python), Neuroph Studio (Java)

Databases: SQL, Oracle

Tools: GIT, Tortoise, NPM, Cisco Packet Tracer

Technical Projects

SDK for Exception tracking
Platform for developers to trace and report exceptions with the ability to share them with other users on different APIs (Slack, Email, Target Process…).

Fraud Image Detection
Detecting the originality of an image using machine learning and image classification. The project was built using Convolutional Neural Networks and Error Level Analysis. The software was developed using Python (scikit -learn) and reached an accuracy of 72%

Shopping in Augmented Reality
Mobile application for Android that works as a shopping platform. The special feature about this software is the ability to check prices, check product info and availability, add to cart using augmented reality.

DSL vs. TDM & Discrete Event Simulations
OMNET++ implementation, simulation, and analysis of a digital subscriber line vs. a time-division multiplexed connection.

AWARDS & ACHIEVEMENTS

USAID full scholarship at American University of Beirut

USAID provides full scholarships for students who show high academic standards, good community service and leadership skills. Being a USAid student implies that I have to attain high academic performance and to attend several workshops and training sessions.

Middle East Partnership Initiative (MEPI) full scholarship at Montana State University

Successfully completed the Student Leaders program with MEPI at Montana State University where I received intense trainings in project management, learned about leadership and conflict resolution.

LANGUAGES

Arabic	*Native*
English	*Fluent*
French	*Proficient*