Charbel Daoud

Full Stack Developer

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Education

2016–present	**Master of Science, Computer Science**, *Lebanese American University*, Byblos, Lebanon, *GPA – 3.34/4.0.*
2013–2016	**Bachelor of Science, Computer Science**, *Lebanese American University*, Byblos, Lebanon, *GPA – 3.10/4.0.*

Publications

Title	**Fish Can Predict Software Quality** *(2017)*
Authors	Danielle Azar and Charbel Daoud
Status	Under Review
Title	**A combined ACO and simulated annealing algorithm to assess stability and fault-proneness of classes based on internal software quality attributes** *(2016)*
Authors	Danielle Azar, Karl Fayyad and Charbel Daoud
Journal	International Journal of Artificial Intelligence
Keywords	Software Quality, C4.5, ACO, Prediction, etc.
Year	2016

Notable Projects

Lebanon	**DocINeed**, The mobile application allows the patients to search for doctors they need, show them the location of their clinics and related phone numbers and most importantly book their appointments whenever they want., coming soon. In addition, the desktop application helps doctors organize their appointmnents. .
Lebanon	**Cherpa**, An online platform that teaches robotics to the youth in a fun and interactive way. From building and coding projects to interactive virtual missions, Cherpa introduces a new dimension that reshapes the world of robotics., http://cherpa.io/.
Lebanon	**Eduvation**, The Eduvation App brings parents closer to the schools through yet another enhanced and mobile user experience that extends the capabilities of the EDUVATION School Network portal to provide parents with numerous benefits, http://www.eduvation.edu.lb/.

Amsterdam	**Seabed NL Device Manager**, A web-app that would receive data from the Client's devices and modules and calibrate them. The web-based app can be saved web-capable mobile app. The second phase of the project (under development) includes a Django Python API running on a BeagleBone Black., http://www.seabed.nl/.
Lebanon	**Makhlouf Medical Center**, *Full Stack Developer*, Website for a medical clinic with two panels [doctor.makhloufmedicalcenter.com & assistant.makhloufmedicalcenter.com] in order to facilitate scheduling appointments for patients and managing the bills, http://www.makhloufdmedicalcenter.com/.
London	**MyTab**, *Backend Developer*, An app that lets users buy their friends drinks, wherever they are, from wherever you are. The app also highlights special events held by bars and creates a feed for the user from his friendâĂŹs activities on the app, along with SM integrations, http://www.mytabapp.com/.
Lebanon	**ClubHopr**, *Backend Developer*, Club Hopr app is a clubs, bars and restaurant location-based discovery app (iOS & Android hybrid app). The app also allows the user to listen in on the music streams from select bars from around. Also, the app allows for easy booking, as well as a management console [client.clubhopr.com] for bars. , http://www.clubhopr.com/.
Dubai	**Bespoil**, *Backend Developer*, BeSpoil is a cloud-based booking and review service for all things beauty and wellness in the Middle East. It also includes a Service Provider portal [client.bespoil.com] an ERP solution for the salons with tools to manage staff shifts, appointments, payments, sales, inventory, accounting and dynamic report generation accompanied by powerful industry-specific marketing tools , http://www.bespoil.com/.

Experience

2018–Present	**Instructor**, *Robotics*, International College, Ain Aar, Lebanon.
2014–Present	**Instructor**, *Computer Applications, Introduction to Object Oriented Programming (Lab), Web Development (Lab), Parallel Programming (Lab)*, Lebanese American University, Byblos, Lebanon.
2016–Present	**Robotics & Coding Instructor**, Lebanon.
2014–Present	**Research Assistant (Machine Learning)**, Lebanese American University, Byblos, Lebanon, **Supervisor:** Professor Danielle A. Azar.
2015-2016	**President**, ACM Club, Byblos, Lebanon.
2015-2016	**Jury**, LAU Competitions, Byblos, Lebanon.
Summer 2015	**Intern**, Capital Banking Solutions, Hazmieh, Lebanon.

Awards

Spring 2016	Best Civic Engagement Award, LAU - Byblos
Fall 2015	1st Prize at the peaceHackBEY Hackathon, UK Tech Hub - Lebanon
Spring 2013	1st place winner of the Arts & Science Fair (Web development), LAU - Byblos
Spring 2013	2nd place winner of the Mobarat al Aloum, Lebanese University, Hadath
Summer 2012	1st place winner of the Arts & Science Fair (Social Computing), LAU - Byblos