

Jack Abou Aad

Computer Science | 04-December-1998 | (+961)71996411 | jackabouaad@outlook.com
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Education

Spring 2020 - Present	Holy Spirit University of Kaslik (USEK) <small>ABET Accredited</small> M.Sc. in Computer Science - IoT Specialization (GPA 3.7/4.0)
Spring 2018 - Fall 2019	Holy Spirit University of Kaslik (USEK) <small>ABET Accredited</small> B.Sc. in Computer Science (GPA 3.0/4.0)
Fall 2016 - Fall 2017	Holy Spirit University of Kaslik (USEK) <small>ABET Accredited</small> B.Eng. in Mechanical Engineering (Dropout)
Fall 2015 - Spring 2016	College Sagesse Jdeideh (CSJ) Lebanese Baccalaureate in General Sciences

Experience

2020-02 - Present	Data Engineer Spicetech Solutions S.A.R.L - Full-time
2019-08 - 2020-01 <small>(6 months)</small>	Chatbot Engineer Spicetech Solutions S.A.R.L - Part-time
2019-07 - 2019-08 <small>(2 months)</small>	Data Warehouse Specialist Bank of Beirut - Internship
2018-08 - 2019-07 <small>(12 months)</small>	Internet of Things Specialist Spicetech Solutions S.A.R.L - Part-time

Language Skills

Language	Speaking	Writing	Reading
Arabic	Native	Native	Native
English	Fluent	Fluent	Fluent
French	Well	Well	Well

Technical Skills

- **Database:** Elasticsearch, Firebase, MongoDB, Redis.
- **Relational Database:** MySQL, Oracle, PostgreSQL, SQL Server.
- **Programming Languages:** Assembly, C, C++, C#, JAVA, Python, R, HTML, CSS, Bootstrap, JavaScript, jQuery, AJAX, TypeScript, PHP, LISP, PROLOG, MATLAB + Simulink.

- **Frameworks and Software:** Angular, Django, Node.js, Node-RED, Ionic, Qt, PyQt, Informatica ETL, Talend ETL, StreamSets Data Collector, Tableau, ASP.NET and .NET Core, Docker, RabbitMQ.
- **Knowledge:** Algorithmics, Data Structures, Graph Theory, Object-Oriented Design, Object-Oriented Programming, Operational Research, Operating Systems, Optimization, Game Development (Unity), Database Administration and Development (Oracle PL/SQL, PostgreSQL PL/pgSQL and Microsoft T-SQL), Artificial Intelligence (Convolutional Neural Networks in Computer Vision, Recurrent Neural Networks in Natural Language Processing, and Supervised Machine Learning Algorithms in Data Science), ELK Stack (Elasticsearch, Logstash, and Kibana), Internet of Things (Data Acquisition and Data Visualization), Information System Security (Cryptography and Security Plan Development), Network Architecture, Linguistics.
- **Microsoft:** Azure Platform (Azure, Azure IoT and Azure ML), Office, Power BI, Teams.

Extracurricular Activities & Awards

Beirut AI	Fall 2019 - Present
Co-founder of Beirut AI Open Source Projects	
The Free Folks (TFFs)	Fall 2019 - Present
Co-founder of The Free Folks Cycling Club	
Beirut AI	Spring 2019 - Present
Assigned AI Ambassador by Beirut AI at USEK	
Beirut AI	Fall 2018 - Present
Active member of the Beirut AI Community	
Holy Spirit University of Kaslik (USEK)	Fall 2018 - Fall 2019
Active member of the Green Committee at USEK	
Beirut Cycling Club (LAU)	Spring 2019
Active member of the Beirut Cycling Club at LAU	
International Data Science Hackathon	Spring 2019
Member of “Internet of Kings” team that reached the Finalists Stage	
NXP CUP EMEA - Self Driving Car	Spring 2019
Member of “USEK” team that participated in the NXP CUP EMEA	
Holy Spirit University of Kaslik (USEK)	Spring 2017
Member of “ASME” team that participated in the USEK Vélo Paper	
Arab Arcade	Spring 2017
1st Prize - Arab Arcade 48-hours Game Jam (Sheep-Up!)	

References

Mr. Christophe Zoghbi, Founder of Beirut AI: christophe@zoghbi.me
 Dr. Charbel Fares, CEO of SpiceTech Solutions S.A.R.L: charbelfares@spicetech.org
 Dr. Bachir Habib, Head of Computer Science Department at USEK: bachirhabib@usek.edu.lb
 Mr. Joseph Boutros, Head of IT Operations at Bank of Beirut S.A.L: jboutros@bankofbeirut.com
 Mr. Matthias Wilkens, Manager Industry Partnerships / University Relations at NXP: matthias.wilkens@nxp.com