

Khaled Saredine

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Education

- Oct 2020 - Present **Software Product Management Specialization, University of Alberta, COURSERA.**
- Jun 2020 - Aug 2020 **Full Stack Product Management, Facebook Developer Circles & Knowledge Officer.**
 - o A 3-month course, focusing on product delivery, marketing, discovery, and business & product management fundamentals.
- 2018 - 2020 **Masters of Science in Computer Science, American University of Beirut, Lebanon.**
- 2014 - 2017 **Bachelor of Science in Computer Science, American University of Beirut, Lebanon.**

Publications

- Sep 2020 **Framework for Mobile Relay Node Selection for Serving Outdoor Cell Edge Users, Computer Networks Journal, Elsevier.**
- Sep 2020 **An Opportunistic Vehicle Based Computing for IoT Offloading - Masters' Thesis, AUB Scholar Works.**

Experience

- Sep 2020 - Present **Research Assistant, Concordia University, Montreal, Canada.**
 - o Researched topics in my domain (e.g. Malware and ransomware Analysis)
- Aug 2018 - Present **Teaching Assistant, AMERICAN UNIVERSITY OF BEIRUT, Lebanon, Contract.**
 - o Programming for Digital Art (Undergraduate Level) - Advanced Computer Networks (Graduate Level).
 - o Taught non-Computer Science undergraduate students Python, HTML, CSS, and Javascript.
 - o Learned how to explain Computer Science related concepts to students with different academic backgrounds.
 - o Held office hours for students who needed help with the material and assignments.
- 2018 - Present **Graduate Research Assistant, American University of Beirut, Lebanon.**
 - o Researched many topics in my domain (e.g. IoT, VANETS, Fog and Edge Computing, Cloud Computing, LTE)
- Aug 2019 **Data Manager at the KIP Project, SULIMAN S. OLAYAN SCHOOL OF BUSINESS AT THE AMERICAN UNIVERSITY OF BEIRUT, Lebanon, Contract.**
- Sep 2019
 - o This project aims to create the first index measuring the economic contributions of, and challenges faced by, women across Arab MENA region.
 - o Created, maintained, and managed a search-able database of documents.
 - o Enforced standards and controls on data cleaning and entry.
 - o Determined data storage and management structural requirements by working with the research team and the country partners.
 - o Started with the requirements elicitation phase.
- Jan 2018 **Graduate Administrative Assistant, AMERICAN UNIVERSITY OF BEIRUT, Lebanon, Contract.**
- Dec 2019
 - o Scheduled courses on Banner.
 - o Managed time-sensitive issues efficiently; prioritized tasks.
 - o Tracked academic related statistics for later use.
 - o Trained administrative assistants on new scheduling software acquired by AUB.
 - o Tested the new scheduling software and reported bugs.
- Nov 2018 **Project Based Web Developer, SULIMAN S. OLAYAN SCHOOL OF BUSINESS AT THE AMERICAN UNIVERSITY OF BEIRUT, Lebanon, Contract.**
- Dec 2018
 - o Developed web forms for the Executive Education Program ([URL](#), [URL](#)).
 - o Used different technologies (HTML, CSS, Javascript, Salesforce, and Sharepoint).
- Sep 2017 **Technical Consultant, SCOPIS, Lebanon, Contract.**
- Dec 2017
 - o Handled all technical aspects of some projects (e.g. Accounting Software, Websites).
 - o Introduced new software solution as part of my work in the research and development team.
 - o Applied Agile strategies for the implementation of all the solutions.
 - o Managed software and hardware solutions.

Aug 2017 **Coding Instructor**, GEEK EXPRESS, Lebanon, Contract.

- Dec 2017
- Taught and developed computer programming course tailored for kids and teenagers.
 - Learned how to deal with kids and taught them Computer Science concepts (e.g. HTML, CSS, Javascript) with the help of online platforms.

Internships

Jul 2017 **Internship**, BANQUE DU LIBAN, Beirut, Lebanon.

- Hands-on experience with Oracle Forms/Reports, SQL, interfaces, and APIs.
- Quality control: tested and tuned performance.
- Tested and maintained an SQL developer database.
- Used Oracle E-Business Suite application for accounts payable / accounts receivable (AP/AR), general ledger, fixed assets, and cash management, supporting data extraction, filtering, and validation.

Jun 2017 **Internship**, LEBANON AND GULF BANK, Beirut, Lebanon.

- Practical experience in all stages of a project life cycle, from business requirements and technical definitions to development, testing, production support, and completion.
- Designed, tested and maintained an SQL server database and AS400 database.
- Planned, Developed and tested fully functional windows form application using VB.net.

Jan 2016 **Internship**, LEBANESE PARKING METER, Beirut, Lebanon.

- May 2017
- Fixed system hardware and software failures.
 - Installed, configured and troubleshoot desktop systems, workstations, and network issues.
 - Provided remote assistance using Team Viewer.
 - Troubleshooted computer and network Issues.

Skills

Product Management **Leadership, team work, strategic thinking, product management knowledge, time management, communicator, research and analysis.**

Programming Languages **Java, and python with good understanding of all major data structures and constructs. Familiar with Go Language, R language, C and C++, VB.net, VB6.**

Data **Data manipulation and cleaning, data analysis, and the use of this data in machine learning projects (Data Engineering). Machine learning: designing and training models, curating data sets.**

Database **MySQL, SQL.**

Web **Javascript, HTML, CSS, and familiar with PHP.**

Other **Operation System (Linux, Microsoft Windows, macOS), Virtualization (VirtualBox, VMWare), Cloud (Familiar with AWS, Azure web technologies and integration).**

Honors and Awards

Jan 2019 **2nd Place Winner in 'Big Data, AI, and Media Hackathon'.**

- This event was powered by Touch, Lebanon's leading telephone operator, and Anghami, an Arab music streaming platform. ([URL](#))
- The three days event ran from January 25th to January 27th
- Modeled multi-class song label classifier.

Dec 2017 **Honors Award**, Faculty of Arts and Science Dean Office, American University of Beirut.

Languages

Arabic (Native), English (Fluent), French (Beginner).

Extracurricular Activities

2007 - Present **Guitar**, Lebanese National Higher Conservatory of Music.

2018 **First Aid Certification**, Lebanese Red Cross.

2000 - 2017 **Chief Scout**, Lebanese Scout Association.

Hiking, camping, and car enthusiast.