PHILIPPE EL ASMAR

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Education

CORNELL TECH AT CORNELL UNIVERSITY   **New York, NY**
Master of Engineering in Computer Science, May 2020
Relevant Courses: Applied Machine Learning

NOTRE DAME UNIVERSITY (NDU)   **Zouk Mosbeh, Lebanon**
Bachelor of Science in Computer Science, Summa Cum Laude, May 2016
Honors: 75% Merit scholarship
Relevant Courses: Data Mining, Data Structures, Analysis of Algorithms

Experience

MUREX SYSTEMS   **Beirut, Lebanon**

Jan 2016-
Aug 2019

Software Engineer, Data and Analytics Team
- Developed a custom large-scale version control system using C# and TortoiseSVN to manage self-service business intelligence dashboard creation
- Developed an automated Move-to-Production process using C# that enables moving developments from testing environments to production in one click
- Developed a tool that automatically generates documentation pages from code comments using C# and published them on Confluence using APIs
- Created an algorithm that crawls databases and detects structural changes using SQL and C#
- Developed a data catalog to describe technical data elements using ASP.NET and C#
- Created an algorithm that dynamically creates a data model based on user fields selection that can be fed to our business intelligence tools using C# and SQL
- Refactored, enhanced and maintained an in-house reporting tool that enables users to select fields from the information system and visualize the data using JAVA
- Leveraged C#, ASP.NET and other web technologies to build a web application that allows users to perform the development and releasing lifecycles in one place
- Designed scalable multi-node machine clusters to handle the load of the company-wide business intelligence tool QlikSense

Jan 2017 -
Nov 2017

Software Engineer, Information Systems Team
- Developed plugins and extended functionality of JIRA Issue Tracking tool using JAVA, Maven and Atlassian SDK
- Developed APIs to integrate JIRA with different information systems using JAVA
- Drastically increased unit test coverage for entire JIRA project from 20% to 90%
- Increased health and eliminated code smells through the assistance of Jenkins and Sonar

May 2015-
Jan 2016

Software Engineer Intern, Data and Analytics Domain
- Researched and implemented Qlik Sense Self Service reporting tool
- Designed data models and created dashboards and reports on QlikView and QlikSense
- Engaged in client requirement gathering and translating them into functional and technical specifications

Skills

Programing Languages: C#, Java, SQL, HTML, CSS, JavaScript, Python
Tools: QlikSense, QlikView

**Training
Programs**

Deploy and Administer Qlik Sense, Big Data Solutions with Qlik Sense, Scrum Master Training, Leading Scaled Agile Framework (SAFe)

Personal

- Continuously involved in the news and development of the tech industry
- Highly active individual through skiing, hiking, fitness training, basketball, soccer
- Interested in physics and astrophotography