

PHILIPPE EL ASMAR

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Portfolio: <http://philasmar.com>, GitHub: <https://github.com/philasmar>

Education	CORNELL UNIVERSITY Master of Engineering in Computer Science, May 2020 Relevant Courses: Applied Machine Learning NOTRE DAME UNIVERSITY (NDU) Bachelor of Science in Computer Science, Summa Cum Laude, May 2016 Honors: 75% Merit scholarship Relevant Courses: Data Mining, Data Structures, Analysis of Algorithms	New York, NY Lebanon
Experience	MUREX SYSTEMS <i>Software Engineer, Data and Analytics Team</i> <ul style="list-style-type: none">Developed a custom large-scale version control system using C# and TortoiseSVN to manage self-service business intelligence dashboard creationDeveloped an automated Move-to-Production process using C# that enables moving developments from testing environments to production in one clickDeveloped a tool that automatically generates documentation pages from code comments using C# and published them on Confluence using APIsCreated 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 SQLRefactored, enhanced and maintained an in-house reporting tool that enables users to select fields from the information system and visualize the data using JAVALeveraged C#, ASP.NET and other web technologies to build a web application that allows users to perform the development and releasing lifecycles in one placeDesigned scalable multi-node machine clusters to handle the load of the company-wide business intelligence tool QlikSense <i>Software Engineer, Information Systems Team</i> <ul style="list-style-type: none">Developed plugins and extended functionality of JIRA Issue Tracking tool using JAVA, Maven and Atlassian SDKDeveloped APIs to integrate JIRA with different information systems using JAVADrastically 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 <i>Software Engineer Intern, Data and Analytics Domain</i> <ul style="list-style-type: none">Researched and implemented Qlik Sense Self Service reporting toolDesigned data models and created dashboards and reports on QlikView and QlikSenseEngaged in client requirement gathering and translating them into functional and technical specifications	Beirut, Lebanon
Skills	Programing Languages: C#, Java, SQL, HTML, CSS, JavaScript, Python Tools: QlikSense, QlikView	
Projects	<ul style="list-style-type: none">InDaBeat: VR Karaoke application for Oculus Quest using Unity Game Engine in C#Nopiod: Addiction treatment application for Android and iOS using React Native	
Training Programs	Deploy and Administer Qlik Sense, Big Data Solutions with Qlik Sense, Scrum Master Training, Leading Scaled Agile Framework (SAFe)	
Personal	<ul style="list-style-type: none">Continuously involved in the news and development of the tech industryHighly active individual through skiing, hiking, fitness training, basketball, soccerInterested in physics and astrophotography	