

# PHILIPPE EL ASMAR

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

<b>Education</b>	<b>CORNELL UNIVERSITY</b> Master of Engineering in Computer Science, May 2020 Relevant Courses: Applied Machine Learning, Deep Learning, Data Science <b>NOTRE DAME UNIVERSITY (NDU)</b> Bachelor of Science in Computer Science, Summa Cum Laude, May 2016 Honors: 75% Merit scholarship Relevant Courses: Data Mining, Data Structures, Analysis of Algorithms	GPA: 3.94 GPA: 3.81	<b>New York NY</b>  <b>Lebanon</b>
<b>Experience</b>	<b>MUREX SYSTEMS</b> <i>Software Engineer, Data and Analytics Team</i> <ul style="list-style-type: none"><li>Developed a custom large-scale version control system using C# and TortoiseSVN to manage self-service business intelligence dashboard creation</li><li>Developed an automated Move-to-Production process using C# that enables moving developments from testing environments to production in one click</li><li>Developed a tool that automatically generates documentation pages from code comments using C# and published them on Confluence using APIs</li><li>Created a database crawler which detects structural changes using SQL and C#</li><li>Developed a data catalog to describe technical data elements using ASP.NET and C#</li><li>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</li><li>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</li><li>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</li><li>Designed scalable multi-node machine clusters to handle the load of the company-wide business intelligence tool QlikSense</li></ul> <i>Software Engineer, Information Systems Team</i> <ul style="list-style-type: none"><li>Developed plugins and extended functionality of JIRA Issue Tracking tool using JAVA, Maven and Atlassian SDK</li><li>Developed APIs to integrate JIRA with different information systems using JAVA</li><li>Drastically increased unit test coverage for entire JIRA project from 20% to 90%</li><li>Increased health and eliminated code smells through the assistance of Jenkins and Sonar</li></ul> <i>Software Engineer Intern, Data and Analytics Domain</i> <ul style="list-style-type: none"><li>Researched and implemented Qlik Sense Self Service reporting tool</li><li>Designed data models and created dashboards and reports on QlikView and QlikSense</li><li>Engaged in client requirement gathering and translating them into functional and technical specifications</li></ul>		<b>Beirut Lebanon</b>
<b>Skills</b>	Programing Languages: C#, Java, SQL, HTML, CSS, JavaScript, Python Tools: QlikSense, QlikView		
<b>Projects</b>	<ul style="list-style-type: none"><li>InDaBeat: VR Karaoke application for Oculus Quest using Unity Game Engine in C#</li><li>Nopiod: Addiction treatment application for Android and iOS using React Native</li></ul>		
<b>Training Programs</b>	Deploy and Administer Qlik Sense, Big Data Solutions with Qlik Sense, Scrum Master Training, Leading Scaled Agile Framework (SAFe)		
<b>Personal</b>	<ul style="list-style-type: none"><li>Continuously involved in the news and development of the tech industry</li><li>Highly active individual through skiing, hiking, fitness training, basketball, soccer</li><li>Interested in physics and astrophotography</li></ul>		