

Marie A. Zacarias Morro

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EXPERIENCE

Software Developer, Naval Surface Warfare Center Dahlgren Division, Dahlgren, VA

Mission Assurance Decision Support System

February 2020 – Present

Part of a scaled agile environment, that is composed of multiple teams who develop and deliver complex products to the warfighter.

Currently work as a part of the development team developing new functionalities and features, addressing, and solving bugs while partaking in all the ceremonies of the Scrum framework.

Exposed to technologies such as: C#, Angular, NgRx, among others.

Laser Weapon Control System

July 2019 – January 2020

Worked as part of the development team solving bugs, performing refactoring where needed, and developing new functionalities and features for the system while gaining insight and understanding of the architecture and the agile processes along with collaboration with the Systems Engineering team. Had exposure to Scrum framework and processes.

Exposed to technologies and languages such as: Java, Groovy, IntelliJ, React, Javascript, Mockito, among others.

Power and Energy Generation Analysis Simulation System

December 2018 – June 2019

Part of fast-paced program to develop a prototype to serve the warfighter. Served as co-lead for requirements, managing and reviewing the updates made for requirements as well as co-lead of risks, helped to actively manage and seek mitigations for risks that surfaced. Served as test lead to manage, review, and kept track of the status of tasks and the completion of test cases and procedures and finally reporting our findings.

Served as Scrum Master, managed tasks and issues for the team while making sure that the team remained on schedule.

Developed, updated, and reviewed functional diagrams, documentation, and technical reviews.

Mission Assurance Decision Support System

February 2018 – November 2018

Worked with the Test team as lead tester during Integration and System Testing, helped develop test cases and update outdated test cases during regression testing. Helped prepare presentations for current bugs and helped the test lead drive the meetings.

Fusionworks, Inc. San Juan, Puerto Rico

Junior Technical Consultant

November 2015- November 2017

Worked in an internal solution, Price Point, as part of the development team as well as the OGPe (Oficina de Gerencia de Permisos) project as part of the development team participating

in quality assurance, testing, development of new features such as new permits, accessibility to manuals, solving and performing the assigned tasks and the ones that surface within the system.

- Quality assurance for both projects.
 - PricePoint - Developed new feature for a products registry, performed front-end and back-end tasking.
 - OGPe Help Desk Technical Support – handled and solved issues and bugs reported by users. Performed front-end and back-end development tasking.
- Exposed to technologies such as: Grails, Groovy, IntelliJ, JQuery, Javascript, Jasper Reports, among others.

Information Systems Office University of Puerto Rico – Bayamon Campus, Bayamon, Puerto Rico
Analyst & Programming Intern
January 2015 – May 2015

Part of the team that developed a Bidders' Registry for the University's Purchasing Office and helped developed the web page for the University's Honor Society. Performed system analysis for the Bidder's Registry and Honor Society projects. Served as system analyst, helped create and analyze diagrams for the development of the project. Also worked as technical writer creating the user and system manuals.

- Front-End Developer - help with the design of the Bidders' Registry and developed the web page for the Honor Society giving it a more modern look.
- Back- End Developer - created procedures for the Honor Society Project.

EDUCATION

M.S. in Computer Science, Old Dominion University
January 2021- Present

Relevant Coursework:
Cybersecurity Fundamentals

M.S. in Systems Engineering, Old Dominion University
December 2020

Relevant Coursework:
Systems Engineering Management
Project Management
Mission Analysis and Engineering
Leadership for Engineering Managers
Systems Architecture and Modeling
Agile Project Management

Bachelor's in Computer Science, University of Puerto Rico in Bayamon
December 2017

SKILLS, TOOLS, LANGUAGES, & APPLICATIONS

Written and oral communication	Java	Eclipse IDE
Problem-solving	JavaFX	IntelliJ
Adaptability	C#	Visual Studio Code
Interpersonal skills	Grails	Visual Studio
Leadership	Groovy	SQL Server Management Studio
Time management	React	Oracle Management Studio
Transferable skills	Javascript	Microsoft Project
Bilingual (Spanish/English)	JQuery	Jasper Reports
	HTML5	AzureDevOps
	CSS	BitBucket
	Visual Basic	JIRA
	Angular	Mockito
	NgRx	
	SQL,	
	Node.js	
	ASP.NET MVC	