

Luis D. Catacora

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SKILLS	Operating Systems:	Windows, Linux (MacOS, Ubuntu, Debian, CentOS, Kali)
	Programming Languages:	Proficient in JavaScript (ReactJS, React Native, jQuery, NodeJS), Java Familiar with Python, MySQL, C++ C#, MATLAB, PHP, Ruby
	Software:	Git, JAWS, Fortify, Unity3D, Unreal Engine Adobe Products: Flash, Photoshop, Dreamweaver
	Foreign Languages:	Proficient in written and spoken Spanish Knowledgeable in written and spoken French
PROFESSIONAL EXPERIENCE	Booz Allen Hamilton: <i>Lead Engineer</i> 6/2016 – Present	
	<ul style="list-style-type: none">Management information System for Aviation and Remote Systems – Army<ul style="list-style-type: none">Full stack, ReactJS Postgres, Express & NodeJS developerImplementing new feature requests, and Keycloak/Login.gov architecture changesWater Quality – Army<ul style="list-style-type: none">Full stack, ReactJS, Oracle REST Data Services & database developerImplementing new feature requests, and maintaining production deploymentsSuicide Prevention Project - Veteran Affairs Department<ul style="list-style-type: none">Resolved 508 and Fortify issues with JAWS to meet deployment complianceWorked with ReactJS and NodeJS to optimize speed and UI responsivenessResearch Application Management System - Veteran Affairs Department<ul style="list-style-type: none">Leveraged JavaScript and jQuery to improve User Interaction experience	
	Hybrid Systems Integration and Simulation Laboratory: <i>Student Researcher</i> 10/2013-5/2016	
	<ul style="list-style-type: none">Simulating an ICU telemetry monitoring environment using Unity3DFormulating flexible and interchangeable scenarios for test participantsHandling creating presentable demos to clients and lab visitors	
	Goldman Sachs: <i>Summer Analyst FinEng Intern</i> 5/2015-8/2015	
	<ul style="list-style-type: none">Analyzed instances of models used in-house to serve an important applicationReplaced numerous dependencies of an older models to a newer oneRemoved and cleaned up scripts that had no usage at the end of each month	
	National Institute of Standards and Technology (NIST): <i>Research Fellow</i> 6/2014-8/2014	
	<ul style="list-style-type: none">Created a Spatial Decomposition Verification Toolkit for Cement HydrationContributed modifications to improve parallel processing computationsIncreased Cement Hydration Computation Verification timings by 140%	
	Verizon Wireline: <i>Summer Intern</i> 6/2013-8/2013	
	<ul style="list-style-type: none">Conducted 6 training sessions to instruct 70 employees on utilizing social mediaDesigned a GUI framework for a Java app that optimizes maintenance dataCollaborated with a team of 10 interns to conduct a “Going Green” presentation	
	Microsoft: <i>Explorer Intern</i> 5/2012-8/2012	
	<ul style="list-style-type: none">Created an ASP.NET web app in C# to explore Xbox Live Services RESTful URIsProduced a toolkit for game developers to use for the creation/releases of games	
EDUCATION	University of Maryland, College Park	
	Graduated: May 2016	
CERTIFICATIONS	<ul style="list-style-type: none">B.S. in Computer Engineering in the A. James Clark School of Engineering	
	eCPPTv2	
	Security +, Certified Ethical Hacker	
	AWS Technical & Professional Accreditation, AWS Business Professional Accreditation	