

Luis D. Catacora

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SKILLS	Operating Systems: Windows, Linux Programming Languages: Proficient in JavaScript (ReactJS, React Native, Node JS), Python Java, MySQL, C+
PROFESSIONAL EXPERIENCE	<div>Capital One: <i>Principal Associate</i> 8/2021 – Present<ul style="list-style-type: none">Chamber of Secrets Technical Lead for ReactJS redesign of the CoS UI<ul style="list-style-type: none">Lead team of interns int creating beta version of new siteFacilitated the decommission of legacy applications and services</div> <div>Booz Allen Hamilton: <i>Lead Engineer</i> 6/2016 – 8/2021<ul style="list-style-type: none">Management information System for Aviation and Remote Systems – Army<ul style="list-style-type: none">ReactJS Postgres, Express & NodeJS developerWater Quality – Army<ul style="list-style-type: none">ReactJS, Oracle REST Data Services & database developerSuicide Prevention Project – Veteran Affairs Department<ul style="list-style-type: none">Worked 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</div> <div>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</div> <div>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</div> <div>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%</div> <div>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</div> <div>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</div>
EDUCATION	<div>University of Maryland, College Park Graduated: May 2016</div> <ul style="list-style-type: none">B.S. in Computer Engineering in the A. James Clark School of Engineering
CERTIFICATIONS	AWS Solutions Architect Associate (2022), eCPPTv2(2020), Certified Ethical Hacker(2017), Security +(2017)