Raoul A. Rego

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EDUCATION

Georgia Institute of Technology **Atlanta, GA**
Bachelor of Science in Computer Science December 2018

EXPERIENCE

Adobe **Austin, TX**
Software Engineer February 2019 - present

- Core developer for Magento 2 Open Source and Enterprise e-commerce applications.
- Increased performance of pull request builds by rewriting internal semantic version checker to reduce memory usage by GBs and decrease execution time by over an hour.
- Created Github bot to ensure all pull requests conform to "Definition of Done" guidelines. This bot is used on every internal project at Magento.
- Fixed, configured, and ran builds to deploy releases of Magento for internal testing and public releases. These public releases are run by over 250,000 active online stores.
- Improved code quality of core and infrastructure codebases by performing numerous code reviews on contributions from individual contributors, external vendors, other internal teams, and my own team.
- Identified breaking and incompatible changes (BIC) for patch and minor releases and coordinated approval process for these BIC. Our team reduced this multiweek approval process to a few hours by fixing the approval process for delivering code so that approvals are completed and documented prior delivery.
- Wrote PHP and JS integration/unit tests and Codeception end-to-end functional tests when creating new features and bug fixes to ensure all new changes had appropriate coverage.
- Upgraded PayPal integration to latest SDK. This is the most utilized payment solution on our platform and will be used by thousands of stores.
- Achieved the Magento Associate Certification, a demonstration of developer competency for the Magento 2 Open Source platform.

AT&T **El Segundo, CA**
Entertainment Group Summer Intern June 2017 - August 2017

- Ported internal CDN manager logic from old monolith application to a new microservice.
- Created front-end for internal CDN manager microservice using Polymer.
- Constructed Web API to exclude problematic CDNs from client selection using Java/Spring and Couchbase.

Dell **Round Rock, TX**
Dell Financial Services IT Intern May 2016 - August 2016

- Wrote business logic to handle automated customer loan approval utilizing .NET to construct SOAP responses.
- Wrote scripts to greatly expedite deployment to test environments, automating a manual, daylong process.
- Upgraded .NET applications to use TLS 1.2, restoring credit score vendor integration.

Nead Werx **Atlanta, GA**
Junior Mobile Engineer May 2014 - December 2015
Data driven consulting company whose primary product is an ERP solution

- Ported ERP web client functionality to native Android/iOS client applications.
- Wrote new features for mobile ERP applications such as signature functionality for signing off projects.
- Added local database caching functionality for new features on Android clients.
- Wrote XML web services and JSON REST API services for consumption by mobile and browser clients.
- Wrote client-side logic for consumption of web services on mobile and web clients.

SKILLS

Languages: PHP, Java, Python, JavaScript, Bash, C, Objective-C, PL/SQL, Verilog, LATEX
Frameworks & Platforms: Magento, jQuery, Polymer, React, Node.js, Android, iOS, Spring, .NET
Tooling & System Administration: Docker, Composer, Vagrant, Git, VIM