

# Raoul A. Rego

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## EDUCATION

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**Georgia Institute of Technology**  
Bachelor of Science in Computer Science

**Atlanta, GA**  
December 2018

## EXPERIENCE

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**Adobe**  
*Software Engineer*

**Austin, TX**  
February 2019 - present

- Core developer for Magento 2 Open Source and Enterprise ecommerce applications
- Increased performance of pull request builds by rewriting internal semantic version checker to reduce memory usage by GBs and decrease execution time over an hour.
- Fixed, configured, and ran publishing builds to deploy releases of Magento for internal testing and public releases. These public releases are ran by over 250,000 active online stores
- Improved code quality of core and infrastructure codebases by performing numerous code reviews on contributions from 3rd party vendors and my own team.
- Identified breaking and incompatible changes (BIC) for patch and minor releases and coordinated approval process for these BIC. Our team shrunk this multiweek approval process to a few hours by fixing the approval process for delivering code.
- 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 thus 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**  
*Entertainment Group Summer Intern*

**El Segundo, CA**  
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
- Created test suites for complete application test coverage by unit and integration testing

**Dell**  
*Dell Financial Services IT Intern*

**Round Rock, TX**  
May 2016 - August 2016

- Wrote business logic to handle automated customer loan approval utilizing .NET and 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**  
*Junior Mobile Engineer*

**Atlanta, GA**  
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 these mobile ERP applications
- 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

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**Languages:** PHP, Java, Python, JavaScript, Bash, C, Objective-C, PL/SQL, Verilog, L<sup>A</sup>T<sub>E</sub>X

**Frameworks & Platforms:** Magento, jQuery, Polymer, React, Node.js, Android, iOS, Spring, .NET

**Tooling & System Administration:** Docker, Composer, Vagrant, Git, VIM