

Raoul A. Rego

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EDUCATION

Georgia Institute of Technology

Anticipated Graduation: May 2018

3rd year candidate for Bachelors of Science in Computer Science

SKILLS

| | | | |
|----------------------------|----------------------|--------------|------|
| Android & iOS development | Angular/React/jQuery | PL/SQL | Java |
| Bash/Python/Perl scripting | Ruby on Rails | Qt/GTK+ | PHP |
| GNU/Linux administration | C/C++/C# | ARM assembly | Git |
| Node.js/Apache/NGINX | Scrum methodology | .NET | VHDL |

EXPERIENCE

Georgia Tech Facilities Management

Spring 2017 (present)

Student Assistant

Write many web applications to display campus map data for employees
Replace printed maps with robust and configurable web maps
Created filters to allow different map symbology based on use case
Created login system using Georgia Tech IAM to control employee map read and write access

Dell

Summer 2016

Dell Financial Services IT Intern

Wrote deployment scripts to greatly expedite deployment to test environments
Upgraded .NET applications to use TLS 1.2, reenabling Experian credit checking integration
Created web application to bundle tools/permissions to expedite onboarding
Implemented significant functionality for DFS applications in .NET
Wrote significant PL/SQL logic for Oracle RDMBS

Nead Werx

Summer 2014, Spring 2015, Fall 2015

Junior Mobile Engineer

Wrote RESTful API functions in PHP for mobile and web applications to call
Helped to design architecture for Android/iOS applications
Wrote significant iOS/Android functionality and many specialized custom views
Generated and parsed XML/JSON in PHP and JavaScript
Wrote Android/iOS unit tests significantly decreasing manual testing time
Wrote Python/Perl/Bash hooks for GIT to verify code quality

PROJECTS AND INTERESTS

WREK

Spring 2016, Fall 2016, Spring 2017 (present)

Radio DJ and Engineering team member

Maintain and update website to display announcements and currently scheduled shows
Migrating old computers to virtual machines hosted on a server running XenServer
Perform system administration tasks for Linux machines running our websites and mail server
Radio DJ for “Rock, Rhythm, and Roll” sound block

EnerCage

Fall 2016, Spring 2017 (present)

Undergraduate Researcher

Wrote significant portions of Raspberry Pi TCP server code in C++

Created discovery server for client to find Raspberry Pi systems on the network

Added functionality to display Raspberry Pi system status on an LCD

Wrote UART communication code to communication with chip controlling rat cage

Projects and Other Achievements

Portable 2G/GPS tracking device

Georgia Tech Android portal

“Light cycle” game for Nintendo DS

Recipient of Georgia Pacific National Merit Scholarship

Boy Scouts of America Eagle Scout recipient