

# Raoul A. Rego

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## EDUCATION

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### Georgia Institute of Technology

Anticipated Graduation: May 2018

3rd year candidate for Bachelors of Science in Computer Science

## SKILLS

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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

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### 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

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### 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