

# Dan Rodrigues

Software Engineer

Motivated, Experienced Full Stack Software Engineer that delights in learning new things.



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New York

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## WORK EXPERIENCE

### Full Stack Software Engineer

Kohlberg Kravis Roberts L.P

06/2016 – Present

New York, NY

Tasks/Achievements

- Creating J2EE backend services with Spring & MySQL
- Exposure to creating iOS apps using Objective-C
- Exposure to Angular JS programming

### Data Structure Teaching Assistant

Stony Brook University

08/2015 – 12/2015

Tasks/Achievements

- Held Recitations to educate students on various data structures
- Hosted Android Lecture to teach students how to create apps
- Held office hours to assist students with their projects

### Tech Analyst Intern

JP Morgan Chase & Co.

06/2015 – 08/2015

New York, NY

Tasks/Achievements

- Developed Android applications for the ATM mobile authentication team
- Created Proof of Concept for ATM authentication using NFC/Apple Pay
- Experience collaborating using Jira and Agile/Scrum

### Software Developer

IT Synergistics

01/2013 – 06/2015

Blood-Bank Software Company

Tasks/Achievements

- Lead Architect of REST-Based Report API Framework using J2EE and Spring
- Experience writing SQL queries in MS SQL Server
- Manual QA Testing/Load Testing with Telerik

## EDUCATION

### B.S Computer Science

Stony Brook University

05/2016

3.8

Courses

- Android programming
- Operating Systems
- Networking
- System Architecture
- Algorithms

## SKILLS & COMPETENCES

Java



J2EE



SQL/NoSQL/MongoDB



JS/Angular/JQuery



NodeJS/Spring



Bash Scripting



Android



Python



Google App Engine



GIT/SVN



## PERSONAL PROJECTS

### Custom Shell

- Developed a custom Shell, written in C, that replaces Bash with features such as Job Control, Piping & Redirection, Executing binaries in separate process, Saving of Environment variables.

### On-Campus Navigation

- Collaborated on an Android application that created a Google Maps style of navigation between buildings on campus for new and existing students to find their way around.
- I was tasked with gathering stored data points and overlaying them on Google Maps view

### New Scripting Language

- Designed a new scripting language that is interpreted using Python and TPG to create an abstract syntax tree for semantic evaluation. Recognizes conditionals, loops, methods, variables and expressions.

### IRC Server & Client

- Created an IRC Server and Client, written in C, that communicates over a network using a custom protocol, the ALOHA protocol. Takes advantage of Pthreads and thread pools to maintain concurrency.

## LANGUAGES

Portuguese



Spanish



French

