

Dan Rodrigues

Software Engineer

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



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WORK EXPERIENCE

Engineering Lead Tinybeans

01/2019 - Present New York, NY

Achievements/Tasks

- Lead Architect tasked with scaling Feed Infrastructure
- Decomposed Monolith into Microservices
- Maintain and expand on existing AWS infrastructure

Full Stack Software Engineer Kohlberg Kravis Roberts L.P

06/2016 - 12/2018 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

Achievements/Tasks

- 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

SKILLS & COMPETENCES

Java 8 - 14 / J2EE ● ● ● ● ●

Spring Boot/Framework ● ● ● ● ●

SQL/NoSQL/MongoDB ● ● ● ● ●

AWS/Google App Engine ● ● ● ● ●

JS/Angular/JQuery ● ● ● ● ○

Solr/Lucene ● ● ● ● ○

Bash /Powershell ● ● ● ● ○

Github Actions / Jenkins ● ● ● ● ○

EHCache/Memcache ● ● ● ○ ○

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.

Campus Maps

- Collaborated on Android application that created a Google-Maps style of navigation between buildings on campus to help students find their way around.
- Tasked with gathering 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 ● ● ○ ○ ○