Renju Radhakrishnan

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EDUCATION

DREXEL UNIVERSITY
BS in Computer Science
Minor in Mathematics
Dean's List
Expected Graduation: June 2017

LINKS

Github:// **renjuju**
LinkedIn:// **renju467**

SKILLS

Programming Languages
JavaScript
Java
NodeJS
Frameworks
AngularJS
BootStrap
Android
Misc
Git
Docker
Linux
Ansible
AWS

COURSEWORK

Concurrent Programming
Artificial Intelligence
Operating Systems
Software Engineering
Systems Administration
Application Development
Algorithms and Data Structures
Advanced Programming Techniques
Symbolic Computation

SOCIETIES

Math and Computer Science Society
AngularJS-Philly
Drexel Welcome Advisory Board
Technical.ly Philly
Carver Science Fair Judge

EMPLOYMENT

THOMSON REUTERS | Front-End Software Engineering Intern
Sep 2013 – Present | Philadelphia, PA
- Creating web applications for intellectual property and analytics in multiple teams for customer facing products.
- Setting up Docker containers and continuous build integration infrastructure for multiple projects to allow faster deployments and development.
- Developing numerous unit tests getting code coverage from 20% to 80% on all JavaScript modules within a large-scale application.
- Implemented the front end to a ML system that disambiguates authors with varying pseudonyms, now used by more than 30 internal researchers.
- Converted mission critical Ruby on Rails application from unusable to stable and facilitated better environment for further development.
- Fixed hundreds of bugs ranging from simple HTML errors to concurrency issues and race conditions.

ORACLE | Full Stack Software Engineering Intern
Sep 2015 – Mar 2016 | Bala Cynwyd, PA
- Delivered key data to end users by leveraging an aggregation framework for large data calculations with Oracle relational databases.
- Created tree nodes for project portfolio management software, allowing for searching of nested projects.
- Implemented RESTful services using Jersey framework and two-way data binding with Jackson library for developer use.
- Developed features and fixed bugs across multiple teams to meet the 6-month product release cycle.

PROJECTS

ADVISOR CONNECT | React, AngularJS, Python, Docker
Current
- Building a social media platform for PhD advisors and prospective students to connect.
- Consistently adding data using web crawling with a current data set of over 3,000 advisors.
- Using machine learning for text summarization of crawled data for PhD profiles.

WEB CRAWLER | Java
Winter 2016
- Created a concurrent Java web crawler with an interactive menu, page ranking, and robots.txt support for all web pages.
- Runs multiple instances of itself along with filtering for specific keywords.

CHECKERS | NodeJS
Summer 2016
- Created an **online Checkers game** using NodeJS, AngularJS, and Socket with a team of 3 to allow people around the world to play against each other.
- Hosted on a linux server with a continuous integration build server using Docker and deployment through FlightPlanJS.