

Renju Radhakrishnan

http://renju.in
renju467@gmail.com | 267.467.1918

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

ReactJS

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 | JUNIOR SOFTWARE ENGINEER

Sep 2013 – Present (1 yr F.T, 1.5 years P.T) | Philadelphia, PA

- Creating web applications with multiple teams for customer facing products, all going into production.
- 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.

ORACLE | APPLICATIONS ENGINEER CO-OP

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, REDUX, PYTHON, DOCKER, AWS

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.
- Leveraging Amazon Web Services including Route 53, EC2, S3, and Cognito for deployment of application.
- CI/CD integration on every push to master branch using Gitlab Runners.

NODE CHECKERS | ANGULARJS, NODEJS, SOCKETIO, DIGITALOCEAN

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.

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.