

# Renju Radhakrishnan

<http://renju.in>  
[renju467@gmail.com](mailto: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](#)  
Facebook:// [renju467](#)  
Twitter:// [renju011](#)

## SKILLS

### Programming Languages

JavaScript (ES6)

Java

NodeJS

### Frameworks

AngularJS

ExpressJS

JQuery

Spring

BootStrap

Android

Chai

Sinon

Karma

### Misc

Git • Docker • Linux

AWS • CouchDB

## 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

- 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.
- Set up Docker containers and continuous build integration infrastructure for multiple projects to allow faster deployments and development.
- Developed numerous unit tests getting code coverage from 20% to 80% on all JavaScript modules within a large-scale application.
- 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.

### TEACHING ASSISTANT | DREXEL UNIVERSITY

Jun 2015 – Aug 2013 | Philadelphia, PA

- Taught and assisted class of 20 students regarding android programming and best practices for programming.

## PROJECTS

### 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.

### LINUX KERNEL | C

Summer 2016

- Developed system calls, created a fair-share scheduling algorithm, and added interprocess communication through message queues.
- Implemented unit tests on individual components to ensure working functionality.