Ryan Davis

ryndvs96@gmail.com   github.com/ryndvs96

Objective

Looking for an internship that will take advantage of my programming abilities, help me to grow as a software developer, and enable me to add value to an interesting company.

Education

Purdue University   *Expected Spring 2018*
Bachelor of Science in Computer Science   GPA 3.65
Concentrations: Software Engineering, Foundations, Security
Dean's List since Fall 2015
Semester Honors since Spring 2015

Skills

Skilled: Java, C++
Familiar: PHP, Haskell, SQL, JavaScript
Exposure: NodeJS, Redis, Ruby, Docker, LaTeX

Experience

Salesforce Pardot, Atlanta, GA   *May 2016 - Present*
Software Engineer Intern
Converted the background jobs' infrastructure from MySQL to use a Redis NoSQL cache.
- Developed a neural network to predict customer deals based on their activity.
- Worked on production automating chat bots using Lita and Hubot frameworks.
- Exposure to development in a fast-paced continuous integration environment.

Havertys Furniture, Atlanta, GA   *Summer 2015*
Software Engineer Intern
An Agile-based internship focused on exposure to software development in the real world.
- Wrote the base code to generate all PDF reports.
- Created service programs for large database manipulations.

Teaching Assistant for Data Structures and Algorithms   *Fall 2016 - Present*
Helping with review seminars weekly and assisting students during office hours. Course material covers basic proof techniques, asymptotic notation, data structures, and more.

Research

Computational Geometry *C++*   *Spring 2016*
Developed programs that construct curves based on the manipulation of lines and circles. Worked with Professor Christoph Hoffmann to learn more about computational geometry using OpenGL and FreeGLUT libraries.

Projects

Degrees of Separation *Java*   *Spring 2016*
Web app that will find a series of friendship connections between any two given people.
- Constructed an efficient algorithm to find short paths of large database graphs.
- The project was developed in an Agile (Scrum) Team environment.

Activities

Purdue Competitive Programming   *Spring 2016*
A competitive programming group with weekly competitions and group discussions. There is emphasis on algorithms and optimization in regards to time complexity and memory management.