RyanDelaney

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Education

Rensselaer Polytechnic Institute

Graduating May 2016

Computer Science

Computer Systems Engineering

GPA - 3.23

Achievements

HackMIT Finalist F2015

Best UI @ HackMIT 2015

Best Accenture Training Vision @ HopHacks F2015

4th place at msft3c coding competition

Rensselaer Medal Award

Coursework

Programming Languages

Operating Systems

Database Systems

Foundations of Computer Science

Data Structures

Algorithms

Professional Experience

Senior Developer **Rensselaer Union (Fall 2013 - Present)**

- Working on a new Club Management System for the Student Union
- Work on a team with other developers managing workflow with Git
- Designed a responsive web app in collaboration with other developers to complete features and fix bugs

Software Engineering Intern **Datto (Summer 2015)**

- Worked on devices that take image-based backups of servers
- Developed on an existing codebase to add new features and fix bugs
- Wrote unit tests and negative tests for all added features
- Worked in a scrum environment and used agile methods to complete goals

Software Engineering Intern **Power Management Concepts (Summer 2014)**

- Developed API to run analytics on data from mission critical machines
- Predicted when machines would fail, need replacement, and need more power
- Project involved machine learning and predictive analytics on big data

Projects

inCync **HackMIT Fall 2015 (Finalist & Best UX)**

- App to help teams make presentations in sync
- Developed as a hybrid web app using Angular and Cordova

Jadelint **github.com/rrdelaney/jadelint**

- Static analysis tool for Jade templating language
- Uses continous integration, auto documentation, unit testing, code coverage
- Used in plugins: versioning and compatibility and is important

Electronics Team Lead **Rensselaer Electric Vehicle (Fall 2013 - Spring 2015)**

- Designed, built, and tested electronics system for an all-electric car
- Managed the electrical team, including budgeting and design reviews

Skills

Web Development

- **UX** Enjoy designing clean, responsive, and mobile UX
- **Distributed Systems** Interested in designing concurrent & parallel software
- **Tooling** CI, static analysis, management tools, build tools, testing & coverage
- **Frameworks** Angular, React, Polymer

Technologies

- **Experienced With** Web & Hybrid App Development \ Functional Programming
- **Programming** Javascript \ Scala \ Python \ PHP \ C \ Java
- **Databases** MongoDB \ MySQL \ PostgreSQL \ Redis