



Mike Lyons

Software Engineering Student
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Experience

Apple – Software Intern on OS Services Team – Summer of 2013 and 2014

- Designed / Developed simulator in order to test the scalability of an OSX Server Application in Objective C
- Designed / Developed web application that allows graphing of project bugs over time in NodeJs

RIT – Lab Technician – 2012 School Year

- Lab Security and Hardware Maintenance

Aertight Systems – Intern – Summer of 2011 and 2012

- In store tech support: Repairing customers computers

InstallNet – Intern – Summer of 2011

- Creating an internal application to automate incoming fax management

Skills / Projects

Java, Android Application Development

- Developed app called “Hearsay” that keeps you up to date on breaking news stories
- Created Reverse-Twitter app called “Wampum” that allows you to post things that friends have said
- Designed / Developed app called “Sassy Seven” that required custom UI elements and animations
- Naive logic problem solver based in Java utilizing the many polymorphic aspects of Java

Objective C, iPhone Application Development

- Worked at Apple creating a scalability testing tool based primarily in Objective C
- Developed app called “Sassy Seven” while participating in the RIT Apple iOS Hackathon

NodeJs, Ruby (Rails), PHP, jQuery, Javascript, HTML, CSS

- Created full backend Rest Api in NodeJs for Apple 2014 intern project, along with angular
- Created a custom content management system with Ruby/Rails and Postgres used on 3 different websites
- Hosting personal Apache Server, experience with Heroku and Amazon EC2 for hosting as well

C++/ C

- Created a basic Raspberry Pi kernel (In C and some ARM Assembly) that performed basic OS functions such as outputting to display and reading/writing from a fat memory source
- Working with C++ to contribute to the Inkscape open source project

Python

- Creating the Scale tool for Apple required a strong knowledge of Python in order to understand previous implementation of the tool
- Developed Quoridor board game playing AI that won 95% of games played

Education

Rochester Institute of Technology – 3rd year Software Engineering Student

- Society of Software Engineers (SSE) Member, SSE Dodgeball Team, SSE Ultimate Team