Alexander Russ

Computer Engineering Student

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Experience

Amazon.com, Inc, Seattle, WA   May 2015 – July 2015

Software Development Engineer Intern. Worked on the Kindle Unlimited team developing both frontend and backend code for Amazon's website.

- Wrote Perl/Mason to render HTML, CSS, and JavaScript.
- Implemented business logic with Java in the backend.
- Designed and implemented a feature for customers to view and manage their borrowed books.
- Redesigned templates for emails sent to millions of customers and A/B tested the change.

Save Our Cats and Kittens, Fort Walton Beach, FL   January 2015 – May 2015

School Project. Developed a web application for a cat shelter—Save Our Cats and Kittens (SOCKS)—as a part of a six-member team in a software engineering class.

- Wrote HTML, JavaScript, and CSS using the MEAN (MongoDB, Express, AngularJS, and NodeJS) stack.
- Served as project manager for the six-person team.
- Worked with the customer to design a database and user interface for shelter management.

Arete Associates, Destin, FL   May 2014 – May 2015

Software Development Intern. Developed a tool to analyze data collected by an unmanned aerial vehicle.

- Designed and implemented a .NET application for the normalization of historical data.
- Implemented image processing algorithms to detect minefields and other tactical risks.
- Wrote code to score the results for accuracy based on various scoring metrics and data cross sections.

Oqulus, Inc, Gainesville, FL   August 2013 – May 2014

Software Developer. Wrote an iOS app for the visualization of data obtained from retinal fundus photos.

- Worked with project managers to design a user interface to help non-technical customers understand details about patients' eyes.
- Stored data retrieved from a web server using Core Data and a SQLite store.
- Implemented a RESTful API using Flask to serve as the backend for the service.

Education

University of Florida, Gainesville, FL GPA: 3.71
- **Bachelor's Degree in Computer Engineering** May 2016

Northwest Florida State College, Niceville, FL GPA: 3.69
- **Associate's Degree with a focus in Computer Engineering** May 2013
- **High School Diploma** Collegiate High School May 2013

Skills

Languages	Objective-C, Java, JavaScript, C#, HTML, CSS
Operating Systems	Mac OS X, Ubuntu
Tools	Xcode, Eclipse, Vim, Visual Studio, Brackets, Git

Side Projects

The Floor is Lava   April 2014

iOS App. An iOS game built with SpriteKit in spare time between classes.