Rutger Farry

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Experience

Cambia Health Solutions
Software Developer and Entrepreneurship Intern : June 2016 - September 2016
Added features to and maintained Ruby on Rails web app designed to coach National Guard Reserves. Helped reduce page load times to ~ 40% previous through caching and minimizing asynchronous HTTP calls. Ruby on Rails, Javascript, SQL.

Center for Applied Systems and Software
Software Engineer II : January 2016 - Current
Designed architecture for Java API providing Common Core assessment tests to over 7 million students. Java, Apache Tomcat, Redis, AWS S3 & EC2.

Jive Software
iOS Engineering Intern : June 2015 - September 2015
Added search page and iPad support to iOS app used by hundreds of Fortune 500 companies to manage their support forums. Gained experience working on a geographically-distributed team. Swift, Core Data.

Oregon State VLSI Research Group
Research Programmer : November 2014 - June 2015
Authored iOS app to demonstrate ARM-based smart clothing developed at OSU. Implemented iOS side of compression algorithm, increasing clothing battery life over 100x. Hired and trained student employees. Swift, Obj-C, Embedded C, Core Bluetooth.

Education

Bachelor of Science, Computer Science
September 2013 - June 2017 : 3.4 GPA
Courses: Algorithms, Data Structures, Databases, Digital Logic Design, Software Engineering.

Papers

Rate-Adaptive Compressed-Sensing and Sparsity Variance of Biomedical Signals
BSN 2015 – Cambridge, MA

Skills

Software: Xcode, Git, Linux, Docker, Sketch, Photoshop, MongoDB, Postgres, Visual Studio
Languages and Frameworks: Swift, Objective-C, Javascript, Typescript, C, HTML, CSS, Sass, SQL, C#, .NET, Python

Extracurricular

OSU App Club
President : September 2014 - 2015, Vice-President : September 2015 - Current
Held weekly meetings to tutor students in app development. Collaborated with other organizations and colleges to organize hackathons and tech talks. Created new positions to manage club affairs. Started fund for advertising, hackathons, etc.

Classmere - Personal Project
Web Design Project : April 2015 - Current
Built open-source website and iOS app that suggests classes for students based on their friends, schedule, and other metrics. Node.js, Docker, Kubernetes, MongoDB, React.js.

Cycling Club
Race Director : September 2016 - Current
Leadership Academy
Member : February 2014 - Current