Rutger Farry

Developer / Designer

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rutgerfarry.com

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

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.