

# 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 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*