

Rutger Farry

Developer / Designer

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rutgerfarry.com

EXPERIENCE

Center for Applied Systems and Software

Software Engineer II : *January 2016 - Current*

Designed architecture for / leading development of Java API providing Common Core assesment tests to over 7 million students. Java, Apache Tomcat, Redis, AWS S3 & EC2.

Jive Software

iOS Engineering Intern : *June 2015 - September 2015*

Developed new iOS app used by Fortune 500 companies to support and interact with their customers. Added search functionality and iPad support to app while working on a geographically-distributed team. Swift, Core Data.

OSU App Club

President : *September 2014 - Current*

Held weekly meetings to tutor students in app development. Collaborated with other organizations and colleges to organize hackathons and tech talks.

Oregon State VLSI Research Group

Software Lead : *November 2014 - June 2015*

Authored mobile apps to demonstrate capabilities of ARM-based wearable. Implemented iOS side of compression algorithm, increasing wearable battery life over 100x. Hired & trained student employees. Administered private GitHub. Swift, Obj-C, Embedded C, Core Bluetooth, Metal.

Classmere - Personal Project

Web Design Project : *April 2015 - Current*

Built website that suggests classes for students based on their friends, schedule & other metrics. Node.js, Docker, Kubernetes, Postgres, React.

EDUCATION

Oregon State University

Bachelor of Science, Computer Science

September 2013 - June 2017

Courses: Algorithms, Data Structures, Databases, Digital Logic Design, Software Eng.

GPA: 3.42

PAPERS

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

SKILLS

Software

- Xcode
- Git / Github / Gitflow
- Linux
- Docker
- Sketch 3 / Photoshop
- Postgres
- Visual Studio

Languages / Frameworks

- Swift / Objective-C
- Javascript / Typescript
- C
- Web (HTML / Sass / JS)
- SQL
- C# / .NET
- Python