Rikki Gibson

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EDUCATION

Oregon State University   **Fall 2013-present**

- **3.9 GPA.** Computer Systems major. Expected graduation in **June 2017**.

SKILLS

- Swift, Objective-C, and Cocoa. C#, SQL Server, and ASP.NET. Java, Python, C.

- Haskell, HTML/CSS/JavaScript, TypeScript, SASS, React.js, knockout.js, jQuery.

PROJECTS

Corvallis Bus for iOS, Android and Web   **August 2014-present**

- Created an ASP.NET back-end, Swift-based iOS app, Android app, and TypeScript-based web app for viewing live arrival times of Corvallis buses.

- iOS and Android apps downloaded over 2000 times total.
  App download links available at https://rikkigibson.github.io/corvallisbus.
  Source available at https://github.com/RikkiGibson/Corvallis-Bus-Server.

EXPERIENCE

Intern Software Developer/Analyst, Intentional Software   **June-September 2016**

- Created diagnostic analyzers, code fixes and code generators for C# with the .NET Compiler Platform (Roslyn). Implemented capture analysis for lambda expressions.

Student Developer, Center for Applied Systems and Software   **March 2014-present**

- Reduced time for highway operators to run a location search by an order of magnitude by revamping the data source and writing high-performance SQL queries.

- Developed a domain-specific language and user interface to allow highway operators to search for locations by a variety of criteria, then select from the results if necessary.

- Received staff awards for best new developer in 2014 and community leader in 2016.

Undergraduate Research Assistant, OSU   **November 2014-present**

- Created user interfaces and analysis algorithms for an iOS app connected to a wearable fitness tracker.

- Created a Haskell program to serve as a "back-end" for an Atom language plugin to assist users working with #ifdef-like variational directives in more powerful ways.

Volunteer, ChickTech Corvallis   **November 2015**

- Helped lead a weekend-long workshop to teach girls in high school to make web pages using HTML, CSS and JavaScript.