

Jacob Roschen

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EXPERIENCE

SENIOR SOFTWARE ENGINEER

July 2017 – Present

Salesforce, Indianapolis, IN

Started as a UI software engineer on Content Builder, Salesforce Marketing Cloud's new drag-and-drop email builder. Followed by being the primary developer on the new Interactive Email features launched in late 2019. Shortly afterwards I transferred teams to help build the new Lightning Email Builder, which was launched in late 2020. Currently working on a new cross team project written in TypeScript.

SOFTWARE ENGINEER INTERN

May 2016 – August 2016

Salesforce, Indianapolis, IN

Worked as a UI developer on the team that developed Salesforce Marketing Cloud's new drag-and-drop email builder. Utilized javascript/jquery/backbone, along with QUnit for unit tests. Strict code coverage were required, and all code had to be peer reviewed. I fixed 44 bugs and completed 14 stories that contained 44 sub-development tasks, which all went to production.

SOFTWARE ENGINEER INTERN

May 2015 – August 2015

Cartegraph, Dubuque, IA

Worked on a large Operational Management System for local governments. The primary technologies used were C#, KnockoutJS, jQuery, Less, HTML5, and SQL Server. I worked on a small team of 5, using Agile Methodologies, Team Foundation Server, and Urban Turtle. Every piece of code written was peer-reviewed, and if applicable, unit tested.

WEB PROGRAMMER

January 2014 – Present

Carver College of Medicine at University of Iowa, Iowa City, IA

Small internal web development that supports the College of Medicine, developers primary work independently, with limited supervision. Helped create and maintain small web applications using C#, jQuery, CSS, HTML5, and SQL Server. Revision history was done through Git. Also assisted in a large Oracle to SQL Server migration, including rebuilding SQL Server reports and rewriting SQL queries.

PERSONAL

2011 - Present

Like many developers, I have a handful of personal projects that I've used to learn new skills and technologies. The most prominent one is IowaBus, a bus tracking app for Iowa City and the surrounding cities. Developing, shipping, and supporting an iOS app provided invaluable experience about how people use software in the real world. IowaBus has had over 1,000 DAUs, 300+ reviews, and 4.4 stars on the App Store.

TECHNOLOGIES

DAY-TO-DAY COMFORT

- TypeScript
- JavaScript/ES6
- React
- Swift
- HTML/CSS/Less/Sass

- C#
- Java
- PHP
- SQL
- GIT

EXPERIENCE WITH

- AWS
- AngularJS
- C/C++
- Objective-C
- Ruby

EDUCATION

University of Iowa

Computer Science, BS, January 2015 – May 2017

Transferred to the University of Iowa in January 2015. Graduated in just three years after starting college.

University of Rochester

Computer Science, BS, August 2014 – December 2014

Started freshmen year at University of Rochester, took Honors Data Structures and Algorithm Analysis.