

# Martin Rosenberg

Greater Denver Area

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## Skills

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Scala SBT, ScalaTest, Selenium WebDriver

JavaScript Babel, ES6+, GatsbyJS, Jasmine, Jest, JSX, Prettier, React, Redux, Webpack

Other Big O, Functional Programming (FP), Git, Object-Oriented Programming (OOP), SQL

## Experience

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2017 – 2019 **Sabbatical**

- Traveled Oceania and Asia for 6 months, then returned to work for the family business.
- Worked various online classes, books, and coding challenges, while staying active in several tech communities.

2016 – 2017 **Software Development Engineer in Test** at Backstop Solutions Group, Chicago, IL

Co-developed a **ScalaTest**-backed framework and domain-specific language (DSL), with **Selenium WebDriver** for UI testing and **scalaj-http** for **REST** API testing, that dramatically improved performance, reliability, and maintainability over the prior framework, as well as enabled concurrency. The new framework was selected by department vote to replace the existing **Ruby/RSpec** testing framework.

- Appointed by director to train testers and developers in **Scala** to allow them to contribute their own tests.
- Gave lightning talk on Scala test automation at TestBash Philadelphia 2016.
- Established code review policy, code conventions, and style guide for testing framework, which encouraged idiomatic patterns and FP, and improved maintainability.

2015 – 2016 **Quality Assurance Engineer** at Interactive Health Inc., Schaumburg, IL

- Built UI test framework, DSL, and test suite in **C#** using **Selenium WebDriver** and **NUnit** in **Agile** environment.
- Wrote **SQL** queries and used the application's **Entity Framework** data layer to pull test data.

2014 **Quality Assurance and User Experience Consultant** (Contract) at BakedFinn, Remote

- Tested application flow, particularly for new user onboarding and core elements.
- Optimized discrepancies, redundancies, and engineer-oriented design out of end-user interface.

2013 **Quality Assurance Analyst** (Internship) at Juggle.com (now OneSpace), Swansea, IL

- Wrote API testing scripts in **Python 3** with **Requests** and **Beautiful Soup**.
- Tested over 40 specs and reported over 300 bugs for 9 products across 2 business units.

## Education

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2019 **The Complete React Developer Course (w/ Hooks and Redux)** by Andrew Mead

- Also including: **Babel**, **Express**, **Firebase**, **Heroku**, **Jest**, **Node.js**, **SCSS**, **Webpack**, and more.

2013 **Bachelor of Arts in Linguistics**, University of Illinois at Urbana-Champaign, Urbana, IL

- Course Assistant for Introduction to Computer Science.
- Additional computer science coursework: Computer Architecture, Data Structures, User Interface Design.