

# Jonah Hirsch

## Software Engineer

Software Engineer with expertise in Web Development, leveraging Ruby, JavaScript, PHP, and Elixir. Additional experience developing mobile applications. Primarily Android, and secondarily iOS. Experienced at system administration, administering both Unix/Linux and Windows environments, including hardware, from the end-user system to the servers and network hardware. Enjoys creating software that, either with simple tools, or with complex applications, improves people's lives.

### Work

#### Senior Software Engineer Android | RetailMeNot - Phoenix, Arizona

JUN 2017 - Present

- Worked on large-scale native Android application, writing features, unit tests, and integration tests.
- Utilized both Java and Kotlin to write Android features, including converting legacy Java code to Kotlin.
- Created UI, core logic, and API client libraries for Android application.
- Collaborated with Design team to create android-specific designs that fit in with the overall app look and feel.
- Led efforts related to the Gift Cards portion of the core RetailMeNot Android application.
- Led efforts related to a Gift Cards specific Android application.

#### Senior Software Engineer | RetailMeNot - Phoenix, Arizona

APR 2016 - JUN 2017

- Primarily Ruby on Rails development, also utilized Elixir, Java and Javascript.
- Managed applications in both Heroku and AWS infrastructures.
- Designed multiple new systems/applications.
- Led conversion of existing Ruby on Rails applications to Java (Spring) based applications.
- Assisted with integration of Giftcard Zen systems with RetailMeNot systems.

#### Full Stack Engineer | Giftcard Zen - Phoenix, Arizona

AUG 2014 - APR 2016

- Worked this position as part of Giftcard Zen - acquired by RetailMeNot in April 2016.
- Second most senior engineer at time of acquisition.
- Designed and developed Web Applications and microservices, and a Chrome Extension.
- Managed and develop distributed systems utilizing Sidekiq and RabbitMQ for message passing.
- Improved responsiveness of customer facing web application by 30% with database, query, and caching optimizations.
- Responded to Information Security issues in real time and prevented or mitigated attacks and vulnerabilities.
- Led Engineering team responsible for customer facing eCommerce application and internal user tooling.

### Education

#### Computer Science B.S. | Northern Arizona University

2012

ABET accredited program.