

RYAN LY

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in ryanly1 🔄 RyanLy

SKILLS

PROGRAMMING LANGUAGES: TypeScript, JavaScript, Python, Ruby, Java, Bash

FRAMEWORKS/LIBRARIES: React, Ember.js, Ruby on Rails, Django, Bootstrap, jQuery, Next.js

TECHNOLOGIES: Node.js, HTML, CSS, PostgreSQL,

AWS (EC2, S3, Lambda, DynamoDB, CloudFront), Nginx, MySQL, Docker

TOOLS: Git, Gulp, Yarn, JIRA, Mercurial, Jest

EMPLOYMENT

Square Toronto, Canada/San Francisco, CA, USA
Senior Software Engineer Sept. 2017 to Current

- Founding engineer on an entirely new 0→1 product, Square Bill Pay. Architected and built the principal web flows for sellers and their vendors in Ember and React.
- Implemented numerous product features for Square Invoices over the years which has led to growth of \$XXm to +\$XXXm over a 6 year period.
- Built A/B testing library used by dozens of teams across the company.
- Mentored numerous engineers company-wide and actively supported their career progression.

Apple Sunnyvale, CA
Software Engineering Intern Sept. 2016 to Dec. 2016

- Built a feature within an internal tool that improves the process of modifying transit data on Apple Maps.
- Delivered results ahead of time and came up with innovative solutions to solve problems.
- Quickly ramped up and started contributing from the first week.

Square San Francisco, CA
Software Engineering Intern May 2016 to Aug. 2016

- Built an internal content management system in Ruby on Rails to speed up Square's Partner Application launch process.
- Upgraded Square's existing Ember-based Developer Portal to be mobile responsive.
- Launched various 3rd party partners, such as WooCommerce, that integrate with Square APIs.

Adroll San Francisco, CA
Full Stack Engineering Intern Sept. 2015 to Dec. 2015

- Refactored AdRoll's budget system to more effectively allocate money across campaigns.
- Analyzed and presented reports on monetary impact of billing delays.
- Developed and deployed production code for AdRoll's Instagram product in Python and Backbone.js.
- Implemented foundational ReactJS components for AdRoll's Facebook integration product.

EDUCATION

University of Waterloo
Bachelor of Computer Science, Economics Minor, 2017