

# Stuart Olivera

full-stack & user experience engineer

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## Education

Rochester Institute of Technology B.S. Computer Science

Fall 2014 - Spring 2019

## Experience

Stripe Software Engineering Intern [stripe.com](https://stripe.com)

Summer 2017

- Developed system for constructing complex PDFs
- Coordinated requirements between teams
- Maintained configuration of production services
- Integrated observability metrics into key features

CoreOS Software Engineering Intern [coreos.com](https://coreos.com)

Fall 2016

- Built graphing components to surface Kubernetes metrics
- Migrated various web components from Angular to React
- Built UI for control of updates to Kubernetes clusters

Apple Software Engineering Intern [apple.com](https://apple.com)

Summer 2016

- Developed custom content editor & platform
- Created deployment workflow to be used across projects
- Implemented instructional content for product tours

FriendlyU Software Engineer [friendlyu.com](https://friendlyu.com)

Summer 2015 - Present

- Built cross-website widget for chat feature
- Integrated JavaScript build systems using Webpack
- Implemented UI and motion flows
- Optimized code for installation in third-party websites

BusyConf Software Intern [busyconf.com](https://busyconf.com)

2013 - 2015

- Improved design & clarity of front-end interfaces
- Migrated billing provider to Stripe
- Maintained various pieces of a Ruby on Rails app
- Integrated third party APIs

## Projects

Discourse NNTP Bridge Personal Project [github.com/sman591/discourse-nntp-bridge](https://github.com/sman591/discourse-nntp-bridge)

Winter 2016 - Present

- Plugin to sync NNTP posts with a Discourse forum
- Integrated automated testing with Travis CI
- Asynchronous execution for reliability, retries
- Utilized Ruby on Rails Engine functionality

CSH Drink for iOS Personal Project [github.com/sman591/csh-drink-ios](https://github.com/sman591/csh-drink-ios)

Winter 2015 - Present

- Developed app to access CSH vending machines
- Integrated seamless login via URL schemes
- Designed consistent UI with other CSH iOS apps
- Integrated REST API

BrickHack.io Collaborative Project [brickhack.io](https://brickhack.io)

Fall 2014 - Present

- Developed registration, management interface
- Managed code contributions
- Created live statistics dashboard to track progress
- Configured continuous integration systems

Open Source: [github.com/sman591](https://github.com/sman591)

## Skills



## Activities

- Member of Computer Science House, codeRIT, Women in Computing, and RIT Pep Band
- Recreational skier & snowboarder
- Avid audiophile

## Achievements

- 2-year director of RIT's annual hackathon, BrickHack
- Technical director & head sound engineer for numerous events and theater productions
- Recipient of the 2014 Stone Bridge High School Computer Science Scholarship

