

SALLY MACNICHOLAS

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Nashville Technology Council Summer Camp Instructor

Teacher for a one week Ruby on Rails crash course for high school students

Turing School of Software & Design

Mentor current students learning Ruby and Javascript

RailsBridge Denver/Boulder

Teacher's assistant for events helping adults with their first experience with Ruby on Rails

Girl Develop It

Teacher's assistant for events ranging from middle school students to adult women interested in learning web and software development in a judgement-free environment.

Jeffco Library Teen Coding Camp

Mentor for high school age students building their first personal website.

Ruby on Rails, HTML, CSS, Javascript, jQuery
Codeship, OAuth, PostgreSQL, Heroku, Stripe
Github, Haml, Test Driven Development, RSpec
RSpec, Minitest, ERB, Foundation
Materialize, Bootstrap, Sinatra, Capybara
Cucumber, Elasticsearch, Agile Processes
Remote Pairing, Photoshop, Lightroom, Illustrator

OAuth: <https://goo.gl/NLzZo7>

Action Cable: <https://goo.gl/4DrTtW>

Internal APIs: <https://vimeo.com/185342639>

2015

Turing School of Software & Design
Certificate in Web Applications with Ruby and Javascript

2007

University of Utah
BS Mass Communication,
emphasis Public Relations

EXPERIENCE

2016 - 2017

Assistant Instructor: Turing School of Software & Design

• Write and teach the following curriculum:

- Multi-tenancy within a Rails application
- Building and Consuming APIs
- Active Record queries

• In-person and remote pairing with students

• Evaluate projects and assessments

Tech: Ruby on Rails, OAuth, VCR, RSpec, HTML, CSS, PostgreSQL, Javascript, jQuery

2015 - 2016

Software Developer - CaptainU

• Implemented A/B tests for new features using Vanity

• Hid fields in the registration funnel to evaluate if more users would sign up

• Added a landing page with new flow that included new designs for credit card information, and payment options, in order to evaluate if more users would upgrade

• Implemented a duplicate athlete search in registration funnel using Elasticsearch

• Refactored a search to use Elasticsearch instead of raw SQL queries in order to improve page performance

• Wrote a series of rake tasks that sent data to Responsys

• Improved test coverage

• Debugged as needed

• Reviewed PRs prior to deployment

• Suggested architectural and process improvements

Tech: Ruby on Rails, Javascript, jQuery, MySQL, Sequel Pro, RSpec, Cucumber, Bootstrap, HAML, Stripe, Elasticsearch, Vanity, Responsys, HTML, CSS, Codeship

2012 - 2014

IT Data/EDI Specialist: Harvest Strategy Group, Inc.

• Streamlined processes and increased automation with incoming data from

You've Got Claims (YGC) and Collection Master software

• Wrote scripts in order to parse incoming data

• Created and updated procedural documents

• Trained new employees

Tech: Microsoft Excel, Microsoft Word, Collection Master software, Pervasive

2011 - 2015

Managing Partner: LASU, LLC

• Managed the purchasing and selling of homes

• Ensured timely receipt of payments for mortgage accounts

• Collaborated with attorneys on evictions and foreclosures

2008 - 2011

VP of Agency Management: Harvest Strategy Group

• Managed over 15 collection agencies to ensure liquidation goals were met

• Created and dispersed weekly and montly reports in Excel to clients and investors

• Managed team of 5 administrative specialists

2007 - 2008

Media Specialist: Linebarger, Goggan, Blair & Sampson

• Created and distributed weekly reports to send to vendors

Sprout Down Auction: Solo Project

Sprout Down Auction is an application built for Sprout City Farms, a non-profit urban farming organization. The app allows users to upload donations and includes an admin dashboard for better management of their yearly silent auction.

Tech: Ruby on Rails, Materialize, List.js, Acts as Votable, PostgreSQL, RSpec

Github: <https://github.com/sallymacnicholas/auction>

Fitbot: Solo Project

Fitbot is an application that sends hourly notifications to keep track of your daily step goals. Users login with their fitbit account (via OAuth), and then are able to set goals and text notifications. This app also uses the Fitbit API to pull in the users fitbit data.

Tech: Ruby on Rails, Fitbit API, Twilio, Foundation, HAML

Github: <https://github.com/sallymacnicholas/fitbot>

Site: <https://fitbotapp.herokuapp.com>

Eatsy: Team Project

Eatsy is a rails app that adapts an existing code base to flexibly serve multiple tenants. We also maintain a robust permission model to keep tenants' data secure and isolated from other tenants.

Tech: Ruby on Rails, Twitter Bootstrap

Github: https://github.com/sallymacnicholas/supper_skip

Site: <https://the-eatsy-project.herokuapp.com>

VOLUNTEER

SKILLS

CODE

CURRICULUM

EDUCATION