

ANDREW N. DEFranco

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GitHub

LinkedIn

EXPERIENCE

Full-Stack Software Engineer at Affinitiv, Inc.

March 2016–present

Product: Higher Gear Automotive Customer Relationship Management Software

Promo

- ◆ Updated product to a modern and responsive web app written in React and Python and hosted on AWS
- ◆ Transitioned to a microservice architecture from a 15-year-old Delphi monolithic codebase
- ◆ Designed and implemented an entirely new D3 dashboard to deliver critical business insights
- ◆ Created a suite of interactive reports to enable clients to drill-down into customer-interaction data
- ◆ Built secure integrations with data-partners' APIs over HTTP and AMQP
- ◆ Ensured cross-platform usability of information-rich views on phones, tablets, and large computer screens

Legal Practice

2012-2015

- ◆ Organized a team of 100+ volunteer attorneys during the 2012 election
- ◆ Modernized by-laws and policies of the Columbus Clippers MiLB Baseball Team
- ◆ Clerked for Chief Judge R. Guy Cole of the US Court of Appeals for the 6th Circuit

SKILLS



JavaScript
& Node



React



HTML
& CSS



Python



Ruby
& Rails



SQL



Redis



AMQP



Git



Mercurial



Red Hat
Linux



AWS



Heroku

PORTFOLIO

Presentation at NYC.rb: “Writing Less Ruby, the Ruby Way”

Link

Apr 12, 2016

- ◆ Explored techniques for integrating performance-optimized SQL queries with Rails' ActiveRecord ORM

SnailManager **GitHub**

Personal web app built in Ruby on Rails for managing wedding invitations and other mass correspondence

- ◆ Leverages in-SQL immutable data paradigms to capture and expose data-values over time
- ◆ Prints labels using a Custom-built CSS template implemented with flexbox

Tagit Audio **Live** **GitHub**

Interactive website for listening to and tagging podcasts loosely modeled after SoundCloud

- ◆ Single-page app built in React with a Ruby on Rails backend serving a Restful JSON API
- ◆ Built for scalability by offloading computationally intensive tasks to asynchronous background processes

EmojiSweeper **Live** **GitHub**

Minesweeper clone built in React

- ◆ Manages multiple cascading effects through a decentralized peer-to-peer architecture

EDUCATION

App Academy (New York, NY)

2015

- ◆ Intensive coding bootcamp with focus on best practices, test driven development, and pair programming

Moritz College of Law at The Ohio State University (Columbus, OH)

2012

- ◆ Editor: Ohio State Law Journal (6 volumes per year)

Oberlin College (Oberlin, OH)

2008

- ◆ Major in Politics, Minor in Economics
- ◆ Composer in Residence, Oberlin Chamber Orchestra