

Andrew Pierce

Software Engineer in NYC

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EXPERIENCE

The Recurse Center

February 2019 - May 2019

- The Recurse Center is a self driven three month retreat for experienced developers to work on new skills in a dedicated space.
- Personal focus is centered around a deep dive into web technologies commonly handled by modern web frameworks.
- Currently building fnz, a web framework written in Ruby, styled after Sinatra.

Scimed Solutions — Software Developer

August 2017 - November 2018

- Ruby on Rails developer for a consultancy that specializes in tools for companies in the BioTech and Clinical Research space.
- Completed full stack work with legacy Rails 2, 3 and 4 applications, as well as greenfield Rails 5.2 applications.
- Improved performance on problematic pages by 3X. Improved from >2s to <600ms in many cases.
- Led project from mockups to completion to allow a federal regulator to audit cryopreservation samples for participating labs. Allowed for communication with participating labs, data input on audited samples, and generated pdf reports with data visualization.
- Active contributor to Hiring Process Task Force where we worked to restructure the way we think about hiring to remove bias and improve the process for candidates and the company.

UNC Coding Boot Camp — Teaching Assistant

March 2017 - August 2017

- Teaching Assistant for a six month long coding boot camp taught through the Friday Center at UNC.
- Worked with MERN stack (MongoDB, Express.js, React.js, Node) and teaching students other core development tools such as Git, Github, and deployment with Heroku.

AT&T — Web Application Developer

February 2016 - March 2017

- Technologies used included Perl, Javascript, Ember.js, Nightwatch.js, MySQL, Git
- Started initial test framework for a legacy application with Nightwatch.js
- Implemented audit tables that greatly improved data tracking and management
- Hired as a junior developer and later promoted to mid level

COMMUNITY

Railsbridge Triangle — Teaching Assistant

February 2016 - November 2018

- Assistant at a weekend long introduction to Rails event held quarterly over the last ~18 months.
- Assist students with little to no technical skills with installation problems and help them work through the Railsbridge curriculum

Code the Dream — Project Mentor

June 2017 - January 2018

- Mentored a team as they created a Rails application for NC Diaper Bank, a local non-profit.
- Pair programmed at least weekly with students so they can work through issues and learn better development skills

EDUCATION

UNC Chapel Hill — BA Biology

Graduated August 2015

