



Software Developer



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[www.ImMolly.com](http://www.ImMolly.com)



mkg1

## TECHNICAL SKILLS

Ruby • Rails

Javascript • Python

Django • SQL

RESTful API design

Version Control (Git, SVN)

CSS • HTML

React • TDD

## EDUCATION

### THE IRON YARD DURHAM

Back-end Engineering with  
Ruby on Rails

### THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL

Bachelor of Science in  
Public Health -  
Environmental Science &  
Engineering

## PROFESSIONAL SUMMARY

Dynamic and diligent developer with 5+ years of back-end and full-stack experience. Highly skilled in server-side technologies with an eye for sensibly designed data and interfaces. Inquisitive and tenacious problem solver; ambivert tendencies: works well with people, works well with computers.

## TECHNICAL EXPERIENCE

### DUKE UNIVERSITY SCHOOL OF MEDICINE

*Senior Back-end Developer | June 2016 - Present*

- Develop, maintain, and upgrade a suite of web and mobile Ruby/Rails and Javascript/React applications supporting Duke's research community and administrative offices.
- Maintain Oracle databases; run queries to generate reports and data analyses for customers.
- Design APIs to tie in with external university resources and services.
- Follow Agile development practices to improve user experience by delivering timely upgrade requests and weekly feature additions.
- Provide primary tech support to customers and troubleshoot errors.

*Technical Instructor*

- Duke Innovation Co-Lab: Developed curriculum and taught class on "Data Manipulation Using SQL".
- TIP Summer Program: Taught class on programming microcontrollers to control IoT hardware devices.

### MYHEALTHSTYLE APP

*Full-stack Developer (Freelance) | Apr - June 2016*

- Designed/developed initial app prototypes for health-focused startup.
- Worked with company founder to determine necessary technologies to integrate with back and front ends for fully-functioning prototype including database, messaging platform, SMS, and a shopping cart.

### FOODSTRE.AM

*Back-end Developer | Feb - May 2016*

- As final project for The Iron Yard, wrote Ruby back-end for mobile/web app aimed at decreasing food waste.
- Built RESTful Rails API, geolocation functionality, and messaging platform to integrate with AngularJS front-end.

### CLINICAL TOOLS, INC.

*Research Assistant | Nov 2013 - 2014*

- Coded custom Javascript/jQuery interfaces for online medical education platform.
- Assisted with administering usability tests; helped customers troubleshoot technical problems.
- Researched and helped develop online medical training programs.

### USER TESTING

*Tester | 2014 - 2019*

- Reviewed 250+ websites and apps, all in various stages of the development lifecycle, for intuitive usability and design sensibility.