

Zachary Rondos

Software Engineer

www.zachthecoder.com

New York, New York
zrondos@gmail.com
[LinkedIn](#)
[Github](#)

PROJECTS

[Bill Splitter Application](#), [Demo](#), Ruby on Rails, Devise, Group Project

- Lead team of 4 using Agile practices to build a high quality product in a short time frame
- Developed algorithm to pass image into Optical Character Recognition API via ActiveStorage, receive and parse JSON into object with quantity, name and price attributes
- Utilized JavaScript to allow for asynchronous database interactions via drag and drop feature
- Managed complex database relations of 6 models and 19 associations with ActiveRecord and PostgreSQL
- Used Devise Gem for data and user authentication

[Pokemon Team Analyzer](#), [Demo](#), Ruby on Rails, Chart.js

- Obtained data via multiple promise based API calls for asynchronous page population
- Developed algorithm that quantitatively analyzes a Pokemon's qualitative "type" to calculate how much damage a Pokemon will take from a variety of attacks
- Utilized CSS Grid for full mobile responsiveness
- Visualized data via Chart.js by creating interactive graphs to aid users search for data

[USA Gymnastics Admin Panel](#), [Demo](#), Ruby on Rails, Sentry Raven

- PostgreSQL and ActiveRecord utilized for complex database relationships creating full CRUD functionality for all models
- Created Custom Rake Tasks allowing user to make complex database alterations either through front end interaction or daily via Heroku Scheduler
- Used MVC Model via AJAX calls to reflect database changes without reloading the page
- Utilized CSS Flexbox for mobile responsiveness

EXPERIENCE

Illi Restaurant, Waiter — New York City

August 2017 - July 2018

Wild Restaurant, Assistant Manager — New York City

August 2014 - July 2015

- Led team of 15+ through pre-shift meeting and daily/nightly service
- Yelp rating increased by 1 full star due to anticipating problems leading to high levels of customer satisfaction

Downingtown Area School District, IT Technician — Downingtown, PA

June 2014 - August 2014

- Stock management and configuration of over 2000 computers and 400 iPads, installing operating system, security software, and establishing connection to school district network
- Staff and student technical support for devices including computers, phones, SmartBoards, iPads

EDUCATION

New York Code & Design Academy

- Software Engineering Intensive
July 2018 - November 2018

University of California Berkeley

- 2 years completed for B.S. Chemical Engineering and Mathematics Minor
August 2015 - August 2017

TECHNICAL SKILLS

Ruby on Rails

Python

JavaScript

HTML/CSS

SQL, PostgreSQL

ActiveStorage

ActiveRecord

Git

Chart.JS

Optical Character Recognition

Matlab

Sinatra

LANGUAGES

English - Native speaker

Spanish - Conversational