

# HARRISON KLUCHER

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I'm a strong believer in positive team dynamics, and I have an extreme love of learning. I enjoy breaking down complex problems, and I'm always excited to pick up a new programming language or framework.

## Skills

### LANGUAGES AND FRAMEWORKS

Ruby  
Rails  
Sinatra  
JavaScript  
jQuery/AJAX  
HTML5  
CSS  
RSpec  
Bootstrap  
Jasmine

### DATABASES AND ORM

SQLite3  
PostgreSQL  
Active Record

### GENERAL PROGRAMMING

Object Oriented Design  
Model View Controller Architecture  
Agile Development  
Git  
Heroku  
Test Driven Development

## Experience

Student of Web Development

Chicago, IL  
Jun 2015 to Oct 2015

### Dev Bootcamp

- Immersive, 19-week program to teach aspiring web developers how to code
- Ruby, Rails, JavaScript, HTML, and CSS
- Learned how to pick up new languages and frameworks quickly
- Studied empathy-based team dynamics

Research Assistant

Pittsburgh, PA  
Sep 2014 to Jul 2015

### University of Pittsburgh Medical Centers

- Oversaw patient visitations for several different research studies
- Scheduled appointments
- Entered and analyzed data
- Coordinated staff duties
- Managed multi-site electronic databases

Research Intern

Cleveland, OH  
May 2013 to Jul 2013

### Cleveland Clinic Center for Autism

- Organized and entered data into various databases
- Assisted with multiple psychological and biological research paradigms
- Cleaned and organized data for statistical analyses

Student Researcher

Hiram, OH  
Sep 2013 to May 2014

### Hiram College

- Designed and implemented an experiment to study the link between mood and prospective memory, using a computer-based word categorization task as well as a writing-based mood induction task
- Scheduled participant visits
- Used SPSS to run statistical analyses
- Oversaw and ran all research appointments

Research Assistant

Hiram, OH  
Sep 2013 to May 2014

### Hiram College

- Assisted department faculty in a research project investigating the link between positive emotion and music, as well as an array of other dependent variables.
- Scheduled participant visits
- Oversaw and ran experimental procedures

## Projects

### Foodie

Foodie is a web application that attempts to improve upon the framework that has been put forward by sites such as Yelp and Zomato. It is an application for curated restaurant reviews, and attempts to put into place protocols that will keep the quality of reviews high. These include an invitation-only based reviewer system, in which a user must make frequent and positively received contributions to the site in order to gain the ability to write reviews. My biggest contribution to the site included writing and constructing the algorithms that determine the reputation-based user system, creating necessary authorizations, as well as using asynchronous HTTP requests to make the site as responsive as possible. During the production of this project, I learned a lot about group dynamics and teamwork. Additionally, due to the imposed 8-day time limit on the project, I learned a lot about working under pressure, and using that sense of pressure to create a better product.

### Classy

This app is the result of a simulated client project assignment at Dev Bootcamp. My team and I had two and a half days to comply to a clients demands, and to produce a functioning application that met their specifications. My responsibilities on this project included user login and registration using the devise gem, user authorization, as well as handling a lot of the server side logic. I gained a sense of the importance of properly adhering to client specifications and the importance of deadlines from this project.

## Education

### Hiram College

BA Psychology 2014

Graduated Magna Cum Laude with a major in Psychology and a minor in Communication.

### Dev Bootcamp

A 19-week immersive web-development program. Topics taught include Ruby, Rails, JavaScript, HTML, CSS, and SQL.