

SOFTWARE  
DEVELOPER

Mike  
Hernandez



## PROJECTS:

### OH CROP

[REPO](#)

[DEMO](#)

PYTHON, FLASK, REST API, PSQ, PROJECT BOARDS

- Python Flask app giving plant information and monitoring individual plant care
- REST APIs deliver information to a React Native Front End
- Built in 14 days with dedicated 2 person BE and 3 person FE teams

### KNEAD RECIPES

[REPO](#)

[HEROKU](#)

RAILS, AGILE WORKFLOW, SINATRA MICROSERVICES, BOOTSTRAP

- Rails recipe lookup app starting with wireframe and design
- Recipes delivered from a Sinatra microservice connecting to Spoonacular API
- Built in 10 days with a team of 3 other student developers

### SWEATER WEATHER

[REPO](#)

RAILS API, JSON:API, SERIALIZERS, MVC/SRP PRINCIPLES

- Rails API delivering weather and travel information to serialized, namespaced, REST endpoints
- Exposes data from Google Maps and OpenWeather APIs
- Extensive use of Ruby POROs and MVC/SRP principles

## AREAS OF EXPERTISE:

- Python, Flask, Django
- Ruby, Ruby on Rails, Rails API
- PSQ & Relational Databases
- ORM, SQL
- REST API
- HTML, CSS, Bootstrap
- TDD, Rspec, Minitest, Pytest, Unittest
- Agile Methodologies, Project Boards
- Github, Version Control
- Continuous Integration, Continuous Deployment

## ACADEMIC HISTORY:

### TURING SCHOOL OF SOFTWARE & DESIGN

#### BACK END ENGINEERING

- Web development with Ruby on Rails. OOP with Ruby. Heavy emphasis on TDD from day one.
- Projects designed around agile methodologies
- Brought cohesion to class by being a class representative

### FLORIDA STATE UNIVERSITY

#### BS BIOCHEMISTRY

- Member of Alpha Chi Sigma Professional Chemistry Fraternity
- Relay for Life Chair

## PROFESSIONAL HISTORY:

### SOFTWARE DEVELOPER

#### RERENT

- Maintained and expanded functionality of the ReRent application
- Improved documentation of app and onboarding process of ReRent company

### STORE MANAGER

#### BIKESOURCE

- Managed only CO store with demo fleet
- Developed profitable trade-in program by creating local partnerships

### STORE MANAGER

#### PERFORMANCE BICYCLE

- Increased baseline profitability through consistently low shrink in annual inventories
- Led weekly conference calls on sales metrics for all district stores

## CONTACT ME:

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