

Cody Roberts

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EDUCATION

University of Illinois, Chicago, IL — *B.S. Computer Science*

Fall 2016 - cum laude

EXPERIENCE

University of Illinois, Chicago, IL — *Teaching Assistant*

Fall 2016, Spring 2016

Due to my interest in web related technologies the department offered me a graduate level teaching assistant position. I assisted with lab activities, graded assignments, held office hours, and occasionally gave a lecture.

Locollective, Chicago, IL — *Web Developer*

January 2015 - May 2016

Created and maintained Locollective's web presence. LEMP with Wordpress on DigitalOcean.

Pastoral Artisan, Chicago, IL — *Cheesemonger*

June 2012 - July 2015

Provided customers with an educational retail experience. Cared for and sold cut-to-order cheese, meats, spirits and other artisanal goods. Occasionally worked catering and wine tasting events.

- Developed a catering order system that helped the company move from an error prone pen and paper system to one that was digital and organized with email support. Features included daily email summaries and customer facing order confirmation.
- Developed a google chrome extension that allowed users to quickly look up Pastoral gift card balances. The application used Sinatra, nokogiri, and mechanize to enter and retrieve data from Pastoral's website.

PROJECTS

Chowmonger — *Phoenix, EmberJS*

A Soft real-time food truck platform. Chowmonger was created as a capstone project for an independent study on Erlang, OTP, and Elixir that I participated in with Joe Hummel. The app gives food truck owners the ability to update their menu and location in real-time.

Repraaisal — *Elixir*

An experiment with Elixir's new GenStage. Repraaisal provides a RESTful interface for batch processing github data with a machine learning API.

BloomyMinded — *Rails4, Capybara, RSpec, Paperclip*

A community driven cheese database, BloomyMinded was a solo submission to Rails Rumble 2015. The project gave me a chance to experiment with BDD, Authentication, and file hosting ala Amazon S3.

CartoFreq — *D3.js*

An attempt at creating a mobile visualization tool for monitoring Keysight's N6841A RF Sensor. By utilizing websockets CartoFreq monitors frequencies at sub second response times and allows users to record and playback captured data.

Chicrime — *Ruby*

A ruby gem that wraps the soda-ruby library with easy to use interface. For what it's worth, chicrime has some 4k+ downloads on rubygems.org/gems/chicrime.

Contributions

In addition to my personal projects i've contributed to DockYard/json_api_assert, JacobEvelyn/friends, miguelcobain/ember-leaflet, DockYard/inquisitor, kassio/neoterm, and jbranchaud/vim-fourfour.

My projects and a few more can be perused on my website — codyjroberts.com/projects.

REFERENCES

Joe Hummel, PhD — *Research Associate Professor, Director of Undergraduate Studies at UIC*

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David Hayes — *Lecturer, Department of Computer Science at UIC*

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