

# Steve McCarthy

[steve@redlua.com](mailto:steve@redlua.com) <https://github.com/ifo>

## SELECTED EXPERIENCE

---

### Etsy — *Software Engineer*

APRIL 2017 - Present | Brooklyn, NY

Maintain, improve and document a custom taxonomy tool that provides essential data for every vertical at Etsy.

- Added additional category display for taxonomists
- Automated taxonomy deploy pre-flight checks such as validation checking and metadata report creation

### Hillary for America — *Backend Engineer*

MAY 2016 - NOVEMBER 2016 | Brooklyn, NY

Designed and developed web backends for internal teams.

- Developed backend for canvassing data collection app
- Assisted integration of optical mark recognition (OMR) system for data entry

### Recurse Center — *Participant*

MARCH 2015 - JULY 2015 | New York, NY

Participated in a three month retreat for programmers.

- Explored differences between Go, Clojure and Haskell through URL shortener development
- Created an ephemeral file transfer service

### WebKite, Inc — *Developer*

MARCH 2014 - NOVEMBER 2014 | Pittsburgh, PA

WebKite focuses on collection, organization and display of structured data, such as menus or shop inventory.

- Implemented OAuth2 client for user admin panel
- Maintained WebKite's WordPress Plugin

### Spacefinity, Inc — *CoFounder*

MAY 2013 - DECEMBER 2013 | Pittsburgh, PA

Spacefinity strived to be the Airbnb for self-storage.

- Handled app and database deployment on AWS
- Built a privacy preserving email message system

### Enterprise Data Solutions, Inc — *Developer*

OCTOBER 2011 - APRIL 2013 | Cleveland, OH

EDSi is a company specializing in network support and custom software development.

- Created an internal tool for physical asset tracking
- Managed customer relationships and projects

## PROJECTS

---

### Backblaze API Client

MARCH 2016 - MAY 2016 | Go

An API client for Backblaze's B2 storage service.

### Zulip Bot Library

DECEMBER 2015 - JANUARY 2016 | Go

An API client for the Zulip chat program.

### quine.space

SEPTEMBER 2015 | Go

A website that outputs its own source code. Source available at <https://quine.space>

### Backend for Megabits Beta

JANUARY 2014 - FEBRUARY 2014 | CoffeeScript

A CRUD API backend for a mobile game beta.

## SKILLS

---

### Advanced

Go, JavaScript, NodeJS, Git

### Intermediate

SQL, Python, Django

### Working Knowledge

Haskell, Lua, PHP, Redis, Python, Django

## EDUCATION

---

### M.S. in Engineering and Management

Case Western Reserve University | 2010

### B.S Mechanical Engineering

Case Western Reserve University | 2009