Marcus Willock

125 Amboy Ave   Tel: 602-341-7413
Metuchen, NJ 08840   crazcalm@gmail.com

I am looking for a software developer role preferably related to Golang, Python, and/or JavaScript.

Technologies:

Golang, Python, JavaScript (ES6), Ruby, Swift, HTML, CSS, Sinatra, PostrgreSQL, MySQL, SQLite3, OpenCV, Tkinter, GTK, Selenium, Selenium Grid, Travis CI, Jenkins, Linux, FreeBSD, Git, Github, CSV, XML, Xcode Server, Ngnix, Apache

Projects:

go-pokemontcgsdk – Aug 2018:
   • Released the unofficial Pokemon Trading Card Game SDK for Go. It wraps the pokemontcg.io API, which allows you to search for Pokemon cards at will.
   • https://github.com/crazcalm/go-pokemontcgsdk
   • Environment: Golang, Travis CI

go-rss-reader – Jun 2018:
   • A terminal rss reader that caches previously fetched rss feeds in a sqlite database while using an interactive interface built with gocui.
   • https://github.com/crazcalm/go-rss-reader
   • Environment: Golang, Gocui, SQLite3, Travis CI

term-quiz – Jan 2018:
   • A terminal quiz application that reads ABCD, true and false, and fill in the blank questions (and answers) from a csv file while rendering an interactive experience via gocui.
   • Featured on the awesome-go repo.
   • https://github.com/crazcalm/term-quiz
   • Environment: Golang, Gocui

Contributions to Open Source:

golang/go – Aug 2018:
   • Post giving a talk on creating a file server that hides dot files, I later submitted a PR to Golang adding an example of this type of file server to their documentation. This has been merged into the go1.12.
   • https://github.com/golang/go/pull/26768

artonge/go-csv-tag – Oct 2017:
   • I added the dump (and dump to file) functionality, which allows you to write structs with csv tags to file.
   • https://github.com/artonge/go-csv-tag

Peace Corps – China   6/17 – 1/18
- English Teacher at the Chongqing Vocational Institute of Engineering in Chongqing Jiangjin.

Tablet Inc – New York, NY   12/15 – 6/17
- Maintained and built upon a Selenium suite of regression tests that ran in parallel with the use of Selenium Grid.
- Created and maintained a IOS regression suite that ran in Xcode using the UI Testing Tools, Xcode server, and Xcode server bots.
- Environment: Python 2, Python 3, Swift, Xcode, Xcode Server, Selenium, Selenium Grid, FreeBSD, MySQL

Adcade – New York, NY   8/14 – 7/15
- Built a utility that parsed the information within Client Service's Google Drive spread sheets and generated a generic QA testing speed sheet.
- Built a utility that parsed Charles (proxy) XML data for ad ids, session ids, and metrics fired and a desktop application to view said data.
- Designed, built, and maintained a tool that, through the use of keyboard and mouse automation, allowed for the systematic automation of desktop applications.
- Environment: Python 3, Tkinter, OpenCV, Pyautogui

FuturesMedia – New York, NY   2/14 – 5/14
- Designed, built, and maintained their Admin website.
- Developed email notification prototypes.
- Environment: Ruby, Sinatra, Linux, Apache, PostrgreSQL, Javascript, and Backbone.js

Conference Talks:
- Wrapping Go in Python (https://www.youtube.com/watch?v=6v6OZXk2E_w)

Blogs
- https://crazcalm.github.io/blog/
- https://ogcrazcalm.blogspot.com/

Education
- Arizona State University:
  - BA in Mathematics and a minor in Chinese.