

Guthrie McAfee Armstrong

9497 A5EC 433A 4476 190F 3066 100B 37EA F216 4C8B

guthrie.armstrong@gmail.com

github.com/gmarmstrong

gmarmstrong.org

EDUCATION

UNIVERSITY OF GEORGIA
Computer Science

Athens, GA
May 2020

PROFICIENT SKILLS

Programming languages: Python, Java, Vimscript, Nix, and Bash
Markup languages: L^AT_EX and HTML
Tools and systems: Linux, NixOS, Git, Vim, and PostgreSQL

RECENT PROJECTS

Vim plugin for writing poetry and prose, written for UGAHacks 2018	vim-muse
Datamuse API Python wrapper	python-datamuse
Python library and plugin repository for interfacing with web APIs	postget
Password manager security feature	password-store
NixOS system and user environment configuration	dotfiles

EXPERIENCES

ATHENS-CLARKE COUNTY DIVERSION CENTER

Athens, GA

Intern software engineer

February to April 2018

- Worked with team of 4 students
- Designed database with PostgreSQL
- Built Java Database Connectivity (JDBC) interface

UGAHACKS 2018

Athens, GA

Hackathon participant

February 2018

- Worked with team of 3 partners
- Learned Vimscript and published muse Vim plugin in 40 hours
- Placed between 4th and 6th place of 26 teams

THE MERCURY

Atlanta, GA

Restaurant server

March 2016 to October 2017

- Developed customer service and professional communication skills
- Trained to work well under pressure

SOUTHERN APPALACHIAN YOUNG FRIENDS

Southern Appalachia

Clerk of Quaker business committee

February 2014 to June 2016

- Led self-managed interstate community of over 100 Quaker youth for 9 service retreats per year
- Trained in Quaker business process for conducting consensus-based meetings

FERNBANK LINKS

Atlanta, GA

Programmer and web developer

April to December 2015

- Developed programs with Java WPI Robotics library
- Taught programming to elementary school children
- Used computer-aided design to model robots
- Developed and maintained multiple websites

FRIENDS COMMITTEE ON NATIONAL LEGISLATION

Washington, D.C.

Worked with legislators on federal policy for energy conservation

March 2015