


# CLARK WALKER

## Python Programmer

### CONTACT

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 redheartbeast

 /in/clark-walker

### SUMMARY

Python programmer with experience in JavaScript, C and Rust. I love to code and I am eager to find a role where I can learn and practice software-design skills on the job and write lots of code. I am most interested in fully remote opportunities.

### SKILLS

#### LANGUAGES/PARADIGMS

- Rust / native and WASM
- Web Assembly
- Python
- BASH
- SQL
- JavaScript / Node.js
- HTML5 / Handlebars
- CSS / SASS
- Agile
- Responsive Design
- TDD
- error handling
- Functional programming
- OOP
- Imperative / Procedural

#### TOOLS/SKILLS

- Linux
- git / GitHub
- flask
- Postgresql
- SQLite
- matplotlib
- Trello / Kanban
- Slack / Zulip / Discord
- SQLAlchemy
- pandas
- numpy
- Teaching Programming
- Statistics
- Spreadsheets

### EDUCATION

GALVANIZE FULL STACK WEB DEVELOPMENT  
IMMERSIVE

GALVANIZE INC. | 2017-2018

HIGH SCHOOL

JEFFERSON COUNTY OPEN SCHOOL | 2009

### EXPERIENCE

TECHNICAL ADMISSIONS OFFICER | 2018 - PRESENT

GALVANIZE INC

- Interviewed applicants to the data science immersive program to verify their technical skills in python and maths.
- Co-author new interview tests for new applicants.
- Co-author learning materials for data science prep courses including python and maths learning resources.
- Maintained student records and GitHub repos.
- Solved CRM (sales force) issues
- coordinated with enrollment team to accommodate each students unique set of circumstances.
- Teach premium prep as a python instructor
  - organize class resources
  - prepare material
  - meet with students 1 on 1
- Make videos and live stream for the benefit of students
- Update knowledge with relevant technical information
- Continue to learn and experiment with new technologies
- Facilitate and coordinate mentoring sessions with students
- Use feature branch workflow in GitHub
- Edit copy for correctness, spelling and grammar
- Attend weekly team sprint meetings
- Arrange meetings
- Maintain shared documents in google drive
- Support applicants in technical learning and admissions process

### PROJECTS

#### INSECURITY THE APP - CAPSTONE

A SECURITY TRANSPARENCY APP FOR SHOWING WHAT DATA MAY BE EXPOSED WHILE BROWSING THE WEB

- React, Knex.js, Postgresql, Node.js, JavaScript, bootstrap
- Built as a Progressive web app for native integration, learned react for this project

#### G[HQ]

A REDESIGN OF THE GALVANIZE STUDENT PORTAL / GO BACKEND

- React, GORM, Postgresql, Golang, JavaScript, bootstrap
- I learned GO for this project and built a minimal backend with it

#### HALL OF RECALL

A MIND MAPPING SIDE SCROLLING PLATFORMER GAME FOR ASSISTING IN MEMORIZATION.

- Phaser.js, Knex.js, Postgresql, Handlebars, Node.js, JavaScript, git/GitHub, Heroku
- I was team 'git-master' resolving most merge conflicts

### PERSONAL

- Linux user
  - Experience with several Debian based Linux Builds
  - command line > GUI
  - Built UI themes for Cinnamon, GNOME3 and KDE
- musician
  - guitar since I was about 8, violin for a couple of years it's a work in progress
  - music taught me that anything worth learning is a lifelong pursuit I notice I feel the same about programming in that it's a skill that can't really be perfected but can always be honed