

CHRISTOPHER ODOM

Greater Boston, US
willing to relocate
781 475 3804
codom.github.io

@ christopher.r.odom@gmail.com
github.com/codom
linkedin.com/christopher-r-odom

Software Engineer

WORK EXPERIENCE

- 2020 **Software Engineer** Red Hat
Assisted in web API upgrades to the Ceph Dashboard
Python / CherryPy
- 2018 – 2019 **Software Engineer** Draper
Aided in guidance and navigation flight software development by creating tools for hardware and software engineers to test various software and hardware components to comply with strict CRS2 contract requirements (For ISS Resupply)
C / VxWorks / Python / Sockets
- 2018 – 2019 **Lab tech** ECG Lab, UMass Lowell
part time w/ classes
Aided in CS education research by maintaining and upgrading systems in use at the ECG lab, including the iSense web service and it's associated appinventor plugin
Ruby on Rails / Linux / AWS / Java (Android)

GITHUB PROJECTS

- 2023 **Personal Website** <https://github.com/Codom/codom.github.io>
Custom static website generator built on top of python-markdown and using three.js for modern graphics.
Python / Js / GLSL
- 2023 **Notes Server**
Using python, orchestrated a web server to interactively serve markdown rendered to html to the user while keeping track of todo items.
Python
- 2023 **CLAP Plugin** <https://github.com/Codom/SimpleGuitarAmp>
Using a mix of Zig, C, and test libraries written in Rust, created a generic guitar amp simulation using a combination of cubic nonlinear distortion and filter equations.
Zig / C

EXTRA-CIRRICULARS

- 2019 – 2020 **Fedora on Raspberry Pi**
Built a classroom-ready Fedora base install that could be used on the Raspberry Pi by students
- Bootstrapped Fedora Minimal into a useful dev environment using scripts
 - Researched Fedora Remix image generation
- C / Shell Scripting / Linux Userspace
- 2019 – 2020 **CCDC**
Worked in a fast paced environment in order to propel our school's ccdc team into the NECCDC regional
Shell Scripting / Linux Defensive SecOps

EDUCATION

- 2017 – 2021 **Coursework in Computer Science** UMass Lowell
Completed graduate coursework in OS, undergrad courses dealing with Architecture, ASM, Algorithms, etc. and completed projects related to vm and language development.