







**CHRISTOPHER
ODOM**

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Software Engineer

INTRODUCTION/SKILLS

I am an aspiring software developer with a wide variety of intern experience and non-professional practice. I am coming out of an experience gap, but strive to meet and exceed previous successes.

Technology	Percentage
Python	40%
C	25%
Git	20%
Linux	15%

INTERNSHIPS

06/20 – 08/20	Software Engineering Intern Assisted in web API upgrades to the Ceph Dashboard Python / CherryPy	Red Hat
07/18 – 01/19	Software Engineering and Testing Co-Op 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	Draper
2018 – 2019 part time	Lab tech 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)	ECG Lab, Umass Lowell

EXTRA-CIRRICULARS

2021-2022 **Projects in GameDev**
I filled this gap year up with a bunch of projects in order to teach myself low level graphics programming, none of which are localized to a single project I can show, but include the following:

- Development of various entity systems interacting with SDL
- Playing with libplacebo (C rendering framework for MPV)
- Completion of the Vulkan Tutorial

C++ / Zig / glsl / Vulkan

2019 – 2020 **Fedora on Raspberry Pi**
Worked on supplying a sane environment for students using Fedora on the Raspberry Pi, which turned into a larger initiative within RedHat

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 – 2020	Coursework towards Bachelor's Learned basics, Comp I – IV, OS, Architecture, etc. Have 82 Credits toward degree, no current plans on completion	University of Massachusetts Lowell
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