

Christopher Odom

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Work Experience

RedHat

Storage Software Engineering Intern
June 2020 — August 2020

- Free software productization

Draper

Co-op intern
July 2018 — January 2019

- Realtime software testing
- Created minimal environment for hardware testing

iSense

Lab tech for isenseproject.org
May 2018 — Aug 2019

- Web and Android development

Academic Projects

Fedora Raspberry Pi Improvements

August 2019 — May 2020

- Fedora Linux Remixing
- GPIO programming
- *Shell Scripting*

Coursework in Computer Science

University of Massachusetts Lowell, Lowell MA

Sept 2017 — Dec 2022

Expected Graduation: December 2022

Skills

Languages

- C, C++, Java, Python, Zig

Tools

- docker, unix stdutils, gdb, git

Personal Projects

2D Game Engine

December 2021

- Written using zig
- Using SDL
- Custom scripting language

Immediate mode toolkit

October 2021

- Using SDL_Render and Zig

Vulkan Tutorial

January 2021

- vulkan-tutorial.com/
- Using cpp, glfw, and stb libraries, implemented a simple graphics pipeline that renders an obj file and rotates it
- Slightly restructured from the tutorial to force personal understanding

Professional

- Communication, Teamwork, Ability to learn