

# Sam Sartor

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## Education

### Colorado School of Mines

*August 2015 | May 2019*

B.S. in Computer Science

Dean's List 4 Semesters

Linux Users Group

ACM Club

## Work

### Pivotal | Denver, CO

Intern

*May 2017 | August 2017*

### Qualify Now | Boulder, CO

Testing Automation Engineer

*May 2015 | December 2015*

## Skills

### Programing Languages

Rust | C++ | Java | C | GLSL | JavaScript | Python | LaTeX | Elm | Ruby

### Used For

Offline/Online 3D Graphics | Virtual Reality | GPU Computing | Agile Development |  
Web Development | Desktop Software | TCP & Networking Applications | Mobile Apps

### With

Linux | Git | CUDA | Open/WebGL | SQL | React | Bottle | Rocket | HTML5 | Open/Web VR |  
Serde | Android | You name it | Anything that has documentation

### And I can Also Do

Learning | 3D Modeling & Texturing | Technical Writing | Advanced Math | SolidWorks |  
Physics | Economics | Running a Startup | Reverse-Engineering

## Assorted Projects

### SideQuest

*October 2016 | February 2017*

A fancy GPU path-tracer for photorealistic lighting and rendering written in CUDA C

### CSCI441-444 Assignments

*September 2016 | May 2017*

27 different interactive, 3D OpenGL applications written in C++/Rust

### Angle & BlueGin

*June 2016 | ...*

Multiplayer tower defense game with custom OpenGL graphics engine

### SlideRS

*November 2016*

A very very fast program for exploring a special class of mathematical permutations

### Rocky Mountain Regional ACM-ICPC

*October 2016*

Team of 3 placed 3rd at Colorado School of Mines event, 11th in region

### Festivities Mods

*December 2013, 2014, 2015*

Series of popular holiday-themed Minecraft mods

Over 100k combined downloads with "Let's Plays" by major YouTube channels