Sam Sartor

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EDUCATION

COLORADO SCHOOL OF MINES
August 2015 | May 2019
B.S. & M.S. in Computer Science
Dean's List 2 Semesters
ACM Club
Linux User's Group

WORK

FOUNDER | LEAD DEVELOPER
January 2015 | ⋯
Made from the Blue LLC | Longmont, CO
TESTING AUTOMATION ENGINEER
May 2015 | December 2015
Qualify Now | Boulder, CO

SKILLS

PROGRAMING LANGUAGES
C++ | Java | C | JavaScript | Rust | Python | GLSL | Mathematica
USED FOR
High-end 3D Graphics| Agile Development | Algorithms Development | Mathematics | TCP & Other Networking | Web & Desktop Software | Mobile Apps
WITH
OpenGL | WebGL | Linux | NodeJS | Git | Gradle | HTML5 | three.js | V8 | Unreal Engine 4 | TensorFlow | Arduino | Anything with half-decent documentation
AND I CAN ALSO DO
3D Modeling & Texturing | Advanced Math | Technical Writing | SolidWorks | Physics | Economics | Running a Startup | Reverse-Engineering Software

ASSORTED PERSONAL PROJECTS

BINARY CONTAINER FORMAT
June 2016
A language-independent binary interchange format
TURREM & BLUEGIN GAME ENGINE
January 2015 | ⋯
Strategy game with custom OpenGL graphics pipeline (later transitioned to Unreal Engine)
Steam Greenlight campaign planned
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
SLIDE PERMUTE
June 2016
A simple web interface for exploring a special class of mathematical permutations
JPOLYTOPE
April 2015
Java library for working with n-dimensional geometry and ranked posets