


*Engineer at heart, loves to solve complex problems.
Uncanny ability to hack together functional prototypes
at breakneck speed. Team player that knows how to lead
and build things together. Excited about XR and hardware.*

SAM STEINGARD

Boulder, CO 

(301) 525-4028 

me@SamSteingard.com 

SamSteingard.com 

EDUCATION

University of Colorado, Boulder, CO

(January 2021 - December 2022)

- B.S. Applied Computer Science

3.5 GPA

University of Colorado, Boulder, CO

(Fall 2015-Spring 2019)

- B.S. Mechanical Engineering
 - Minor in Engineering Management

3.4 GPA

PROJECTS

Personal Portfolio Site

Modern Web Frameworks | Front-End Web Design | Graphic Design | Animation

C++ Maze Solver

Data Structures | Unit Testing | Algorithmic Programming

US Unemployment Visualizer

Data Mining | Data Visualization | Graphic Design

Music Teleportation Web App

Full Stack Web-Development | Agile Development | UX/UI Design

SKILLS

Relevant Coursework: Data Structures, Algorithms, Discrete Structures, Info. Visualization, Software Development Methods and Tools, Principles of Programming Languages

Languages: Python, C++, HTML, CSS, JavaScript, MATLAB, Mathematica, English, Spanish

Software: MacOS, Windows, Linux, GitHub, Node.JS, Netlify, Unity,

Hardware: 3D Printing, Arduino/Microcontrollers, Circuit Design, Control Systems

EXPERIENCE

Project Engineer, Trammell Crow Residential

Boulder, CO (July 2019-August 2020)

- Managed subcontractors/trades to construct 5,000 sqft., 2-story amenity building at Diagonal Crossing apartment complex on tight schedule
- Maintain project management software to track RFI's, submittals, project documents
- Liaison with architects, engineers and owners regarding project progress and changes

Manufacturing Engineer, CU Boulder

Boulder, CO (Fall 2018-Spring 2019)

- Designed and manufactured a particle detection device to be installed on Seagate's hard drive assembly line - adhered to ISO 100 cleanroom standards
- Led visual design efforts on expo presentation poster that would end up winning us an award for "Best Poster Design"

Teaching Assistant, CU Boulder

Boulder, CO (Spring 2017-Summer 2017)

- Mentored students designing and manufacturing polished prototypes
- Worked with professor of GEEN 1400 Engineering Projects class ensuring attendance logs, gradebooks and emails from students are kept up to date