

William Sobral

"A subtle thought that is in error may yet give rise to fruitful inquiry that can establish truths of great value." - Isaac Asimov

Colorado Springs, CO
(719) 460-3713
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EDUCATION

Pikes Peak State College

August 2022 - Current

Presented at math colloquium. Math conference attendee. Started a philosophy club and a robotics group.

The Colorado Springs School

August 2019 - May 2021

Attended 11th to 12th grade. Honor roll student. Basketball, vocal ensemble, chess, and robotics club.

University of Colorado at Colorado Springs

January 2022 - May 2022

Absent due to personal obligations.

Launch high school

August 2017 - May 2019

Attended 9th to 10th grade. Maintained 4.0 GPA. Head of the makerspace, president of the robotics club.

PROJECTS

Grover Robotics — *Startup*

January 2017 - October 2022

A coding literacy kit wrapped up in a tiny toy. Used additive manufacturing, an iterative design process, and off the shelf components to achieve limited production.

WORK EXPERIENCE

Ransford Engineering, Colorado Springs — Intern

August 2022 - Current

Repair 3D printers and fabricate prototypes. Assist lead engineers in ideation and design planning. Read and modify drawings.

Crawford Manufacturing, Colorado Springs — Intern

June 2021 - December 2022

Fabricated a manufacturing cell from the ground up to create The FlipStep--an aftermarket tailgate step. Designed and implemented automated robotic processes.

Pikes Peak Makerspace, Colorado Springs — Marketing Intern

August 2020 - February 2021

Produced social media content including featured maker/project articles, resources and class information. Started an e-commerce store for community members to monetize their work.

Titan Robotics, Colorado Springs — Summer Intern

May 2018 - August 2018

Developed filament auger failsafe for large format 3D printers using microcontrollers, electrical components, and code. Operated and maintained machines used to print parts for clients.

SOFT SKILLS

Critical thinking
Organization
Problem solving
Procedural documentation
Research
Team building
Technical communication

TECHNICAL SKILLS

Adobe Suite
C++, CSS, HTML5, Javascript, Python3
File Management
Modeling and 3D Printing
OpenBOM
Welding

RECOGNITION

2021
CSS Permanent Art Collection Donor

2020 & 2021
High Honor Roll

2019
Entrepreneur of the year

2018 & 2019
Academic Excellence Award

2017
Pikes Peak Startup Weekend Winner

2017
UCCS EPIIC Pitch Night Winner

LANGUAGES

English, French (Proficient)