



# ZAIN KERGAYE

Student // Machinist // Researcher

Salt Lake City, Utah  
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Portfolio: [www.zkergaye.me](http://www.zkergaye.me)

I am very skilled in Computer Science, Mechanical, and Electrical systems. I like tinkering in my free time and am very active within the 3D printing community.

## Education

High School Diploma  
Academy for Math, Engineering, and Science

Current Student and Researcher  
University of Utah

## Key Skills

- Linux Expertise
- CAD / CAM Knowledge
- PCB Design Experience
- Research Lab Experience
- Pen Testing Knowledge
- Basic French Language
- Interpersonal Communications
- Self-Motivated
- Teamwork and Collaboration
- Organization and Time Management

## Certifications

Excellence in Robotics II  
May 2021

## Professional Experience

**Researcher**  
Laboratory For Circuits And Systems | September 2022 - Present

Researching high speed signal degradation over PCB lanes. This includes learning more about PCB design, manufacturing, and laboratory environments.

**Mentor**  
Code Ninjas | December 2022 - Present

I am teaching kids how to code. It is in Javascript, Lua, and C. I teach them basic terms in coding and help them learn more and more advance coding.

**Financial Director**  
Youth Committee of Utah Islamic Center | February 2023 - Present

I manage the finances and help plan events to go smoothly.

**Mechanical Team Lead**  
AMES Robotics | August 2019 - August 2022

Managing time constraints and robot build progress. Contributing to AMES Robotics at a team member now.

**Machinist**  
Paramount Machine | April 2022 - July 2022

I learned a lot about general machining techniques and general processes. I processed parts after the general machining process.

**Lead Referee**  
Impact United | August 2018 - November 2021

I refereed soccer games. This entailed knowing the right calls and calling when the time is right.

**Chief Executive Officer**  
MakerRealm | July 2017 - January 2019

Co-founded the idea and company of a 3d print selling service. I managed the income and revenue side of things.