



Cooper Lucas

ENGINEERING STUDENT

📍 Ovilla TX, 75154

✉ cooperlucas1@gmail.com

📞 972-515-6177

🌐 linkedin.com/in/Cooper-Lucas

PROFILE

I am an Aggie engineer with a passion for 3D printing, 3D modeling, and learning new skills. I would enjoy working in the manufacturing industry and one day hope to use 3D printing technology to create efficient and affordable housing. Some of my other hobbies include climbing, speed typing, and organization.

SKILLS

3D Printing (FDM and SLA)



CAD (Fusion 360 and Onshape)



Leadership



Project Management (SFC)



PROFESSIONAL EXPERIENCE

Midlothian INCubatoredu Program - *Entrepreneurship Mentor and Engineering Consultant*

Aug 2020 - Present

- Lead engineer tasked to design, construct, and present prototype iterations for small business teams.

Buckley Oil Company - *Distribution Shadowing*

June 2021

- Gathered first-hand knowledge of the typical responsibilities of Supply Chain and Sales teams.
- Gained valuable insights on career pathways and opportunities.

EDUCATION & ORGANIZATIONS

Texas A&M University

2026 Grad

- Freshman Engineering Student

Midlothian Heritage High School

Aug 2022 - May 2026

- Valedictorian with 4.0 GPA
- Collegeboard National Rural & Small Town Scholar
- National Merit Commended Scholar
- National Honors Society
- Student Council
- Treasurer
- School Board Election Panelist
- Superintendent Student Advisory Council
- Midlothian Technology Advisory Committee
- INCubator Final Pitch Qualifier

PROJECTS AND RESEARCH

- **3D Printing Technical Guide** - Prepared reference material used district-wide by teachers and students.
- **Custom 3D Printer** - Constructed an open-source DIY 3D printer called the Voron 2.4.
- **Custom Quick Disconnect** - Used an iterative process to design and manufacture a custom quick disconnect for an INCubatoredu Entrepreneurship team.
- **Custom Lab Furniture** - Designed custom tables for lab 3D printers and CNC machines.
- **Modular Grid Storage System** - Designed and printed a unique drawer organizer system for storing a variety of tools, fasteners, and materials.

VOLUNTEERING

- **Habitat for Humanity** - Participated in activities such as lot clearing, framing, sheathing, painting, interior finish out, and landscaping.
- **3D Printing Consultant** - Traveled to other schools to help with printer setup and troubleshooting.