

## Alex Combes

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(530)450-5517

<https://www.linkedin.com/in/alex-combes-construction/>

I am a drafter, 3D modeler, coder, designer of elegant circuitry, carpenter, artist, and educator. My goal is to improve the world through functionality and efficiency.

### Summary of Qualifications

- Skilled in the use of multiple 2D and 3D modeling software programs including AutoCAD, Solidworks, Fusion 360, Corel, Blender, Gimp and more.
- Well versed in drafting conventions for architectural, mechanical and electrical
- Knowledgeable of coding languages including Python, C#, Basic, Ladder, and G-Code. I write clean code that is efficient and easy to trace.
- Flexible, autonomous, cooperative, and dedicated worker.
- Innovator of solutions, adaptations, and inventions.

### Work Experience

- Seventeen years of working in education where I created original lessons, adapted curriculum to suit individual needs, and adhered to standards.
- As a STEM teacher I gained the insight to approach problems with a fresh perspective.
- Created spreadsheets to track progress, update with new information, and help dictate viable options.
- Taught and learned coding as it evolved through the decades, now utilizing AI to help write complex code.
- Developed addons for Blender and Autocad that made workflows more efficient.
- Over a decade in construction related fields where I learned real world needs, applications, and problem solving.

### Education

- Certificate in Drafting Essentials, Sierra College, Rocklin, CA
- Degrees in Mechatronics and Architectural Drafting, Sierra College, Rocklin, CA (ongoing)
- Multiple Subject Credential, Post Baccalaureate Program CSU, Chico CA
- Bachelor's Degree in English Education, CSU Chico, CA

### Work History

- Classroom aid, teacher, and STEM specialist (2008 - 2024)
- Construction laborer, assistant, and lead (part time 2006 - present)
- Electric Department Associate at Home Depot (2025 - present)