

Dear Makerspace Staff,

I am excited to apply for the Makerspace Staff position. As a passionate maker and lifelong tinkerer, I bring a wealth of hands-on experience with tools and equipment, including FDM printers, laser cutters, soldering equipment, multimeters, oscilloscopes, and a variety of woodworking tools. My background in both personal projects and academic work has honed my technical skills and deepened my enthusiasm for fostering creative innovation.

My journey as a maker began in childhood, assisting my father with projects around the house, such as building shelves, repairing floorboards, and replacing appliances. This foundation instilled a love for problem-solving and hands-on work, which grew further when we purchased an FDM printer. Using this tool, I explored creating functional designs to solve everyday problems and later advanced to robotics projects incorporating electronics and coding. These experiences ignited my curiosity about integrating mechanical and electrical systems to bring my ideas to life.

During my undergraduate studies at UC Santa Cruz, I expanded my skills in rapid prototyping, leveraging 3D printing, electronics, and microcontroller expertise in academic projects and research. I also gained experience with laser cutters, a tool that opened new possibilities for precision and creativity. I would routinely work in a makerspace in my research lab, which contained various mills, both FDM and SLA printers, and laser cutters. These experiences taught me not only the technical aspects of fabrication but also the importance of collaboration and maintaining organized, safe workspaces.

As a Makerspace Staff member, I would focus on ensuring the safety and functionality of the space, maintaining tools and equipment, and fostering an environment where others can explore and realize their creative visions. I take pride in attention to detail, whether following safety protocols, organizing resources, or ensuring machines are in proper working order. I am eager to bring my skills and enthusiasm to support the community of makers.

Thank you for considering my application. I look forward to the opportunity to discuss how I can contribute to the success of your makerspace. Please feel free to contact me at [cguzikowski@ucsd.edu](mailto:cguzikowski@ucsd.edu) or 408-981-1841.

Best regards,  
Connor Guzikowski