



1475 N Scottsdale Rd, Ste 200
Scottsdale, AZ 85257

Fabrication and Process Specialist

Send your resume and cover letter to info@adventdiamond.com

Wanted: Curious Artist with Mad Technical Skills

Do you enjoy hands-on work with small objects, have a history of accumulating knowledge about working with various media, and a fearless curiosity? If so, keep reading about how you could use your skills and learn new ones to help a start-up make a new type of electronics out of lab-grown diamonds.

Advent Diamond is a woman-owned start-up commercializing diamond research out of Arizona State University. As a start-up, our projects frequently evolve and change, so the candidate for this position would ideally be interested in taking on a variety of roles and be driven to learn. Therefore, the most important characteristics for this role are: a history of learning new skills, a technical knack, curiosity about science and technology, a desire to grow, and communication skills.

The following are examples of relevant experience for this role, but don't worry if you don't have all of them:

- Artistic/technical experience such as silk-screening, using furnaces/kilns, painting or sculpting miniatures, etching, film development, following recipes precisely, clean-room or laboratory fabrication, and/or precision manufacturing
- Coordinating projects, logistics, being highly organized
- Working with numbers and data. Fluency in excel is a plus, as is any math/numerical/data/programming experience.
- Writing PR pieces, reports, website updates, blogs
- Experience working with technical folks and speaking up in meetings to ask questions
- Bonus points if you read articles about science and technology for fun, and are familiar with electronics vocabulary, such as semiconductors, voltage, current

Training will be provided for the core duties of this position, which will include fabrication activities in a clean-room laboratory environment, working with small samples using tweezers, carefully following instructions, working with chemicals and vacuum systems, quality control measurements, following and updating standard operating procedures, giving reports to the scientific team, and coordinating logistics with suppliers and users. Given these duties, manual dexterity, visual acuity, ability to stand for up to 4 hours, and lift up to 50 pounds are required. Most of the time, we work 8AM-5PM but the person in this role may occasionally need to work outside these hours. Beyond these core duties, the ideal candidate would also be interested in learning about our scientific and technical goals in order to contribute to a wide variety of projects, such as writing and/or graphics design.

This is the type of position that will challenge you, and grow with you.