



A V E G A N T

Opto-Mechanical Engineer

About Avegant:

At Avegant, we are a unique team. Heads-down when we need to be, we enjoy each other's company and play together as well as work together. Each member of our team contributes in their own way to our culture of openness, collaboration, and creativity.

Avegant is seeking an entry-level Opto-Mechanical Engineer to contribute to their cutting-edge near eye display technology. The position will be filled by a highly motivated individual with 0-3 years of experience in a design and production environment. This position will be responsible for designing the packaging and mechanisms of optics for advanced vision systems. This is a great opportunity to be a part of a revolutionary technology in a fast-growing field. This position will work closely across our mechanical engineering, optical and industrial design teams. This position reports to the Director of Mechanical Engineering.

Competitive salary based on experience, stock options, full medical, dental, vision benefits, 401k matching, unlimited PTO, office snacks, and team lunches. The role is an in-office role, at our dog-friendly office located in downtown San Mateo, CA, within walking distance of Caltrain.

Responsibilities:

- Design opto-mechanical components and mechanisms to enclose, retain, and maintain alignment of optical elements within system tolerance specifications.
- Select materials for optical bench assemblies based on optical alignment tolerance, manufacturing tolerances, temperature variation, and wear.
- Work with optical engineers to ensure components meet performance requirements.
- Support operations as a technical resource on optics issues.
- Support the optics development team during all engineering builds and production ramp-ups.
- Inspect parts against engineering drawings and/or electrical schematics.
- Assemble optics and mechanical prototypes from drawings.
- Component and product prototype testing and documentation.
- Inspect products and processes for flaws and identify areas of improvement.
- Assemble, tear down, and debug prototypes.
- Produce design documentation packages for vendors including optical and mechanical drawings with specification, tolerance, and special process steps.

- Travel overseas.

Qualifications:

- Bachelor's Degree (or equivalent experience) in mechanical engineering, optical engineering, or in a related field of study.
- 0-3 years of experience in both design and manufacturing of optical systems for consumer electronics products.
- Proficiency with using 3D modeling and 2D drafting with SolidWorks or similar CAD software.
- Familiarity with optical design software is a plus.

Avegant is a well-funded, venture-backed technology company developing next-generation display technology to enable previously impossible augmented reality experiences. We are pioneering innovative hardware and software solutions that will forever change how we learn, play, work and interact with each other. We've won multiple awards, our team is best in class, and we're just getting started.

Avegant is about the journey of innovation, together as a team. Interested in joining us? Send a pdf of your resume to jobs@avegant.com.