

Job Title: Hardware Integration Engineer – Entry Level
Job Code: HIE-NCG
Location: San Marcos, CA
Website: www.varioscale.com



Job Description: As a member of Varioscale, you will join a team of engineers developing tools and technologies that contribute to the failure analysis efforts at the world's leading semiconductor manufacturers. Our core engineering technology covers laser chemical etching of integrated circuits, precision 3D mechanical milling of silicon and packaging material, and infrared and visible light based interferometric measurements. Your role will involve the integration electronic, mechanical, and optical systems into our state of the art tools. The candidate will be part of a small multidisciplinary team of chemical, electrical, and mechanical engineers and scientists, and must be able to communicate effectively through verbal and written documentation, accomplish goals in a matrix team environment, and be an effective problem solver at customer sites.

Qualifications: This is an entry level position, ideal for a new college graduate in electrical engineering, mechanical engineering, or physics who wants to be hands on with tools and wants to work in a dynamic team that delivers cutting edge solutions. It is an opportunity to get a broad industry perspective and point your career toward a leadership role in a new technical area. The successful candidate should have:

- A university degree in electrical, mechanical engineering or physics
- Experience working in a research laboratory focused on electronics design, integration, and testing.
- An understanding of schematic level design for electronics and boards
- Experience programming microcontrollers for optical and mechanical systems
- Strong mechanical aptitude and logical thought processes as well as clear communication skills, both written and verbal.
- Familiarity with software applications such as Microsoft office.
- Desire and ability to travel up to 25% both domestically as well as internationally.

Other: US citizenship is required.

To apply send your resume to jobs@varioscale.com. Reference '**HIE-NCG**'

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