

Job Title: IC Design Engineer

Join the company that is putting “the eye” in AI. Oculi®, Latin word for eyes, is a deep-tech fabless semiconductor company that produces the OCULI SPU™, the first practical silicon chip that closely mimics biology in selectivity, parallel processing and efficiency but outperforms in speed. Join the thought leaders in the field and play a critical role in delivering fast, efficient, secure, and low SWaP computer/machine vision solutions to the market.

About the Role

As an IC Design Engineer, you will get the opportunity to engage in Oculi’s leading edge chip design activities which will result in products to be deployed across various industries and geographies. These activities involve the definition, design, verification, and documentation for semiconductor chips based on Oculi’s proprietary architecture that includes the Intellipixel: photo diode, sigma-delta front end, and digital processing & logic.

You will work in all aspects of the design flow from high-level design to synthesis, place and route, timing closure and validation. You will also generate directed and random test cases, report code and functional coverage, run Gate level simulations, and replicate bugs in the test bench environment. Additionally, you will be involved in design analysis including selecting technologies and other system topics such as interface approaches. You will be writing, reviewing, and editing technical documents in accordance with company standards as well.

Key Qualifications

- > Bachelor, Master, or PhD in EE or related field.
- > RTL Design experience of Logic Design and Verification.
- > Debugging skills with VCS/Verdi or similar tools
- > Analog and digital circuit designs including custom layout
- > EDA tools, Synopsys is a plus
- > An understanding of image sensors is a plus.
- > Professional experience is a plus.
- > Self-learner and independent problem solver who thinks creatively.
- > Hard-worker and result oriented individual who challenges the status-quo.
- > Comfortable in dealing with ambiguity in a fast changing environment.
- > Fluent in English.

Why should you apply to Oculi ?

- ✓ You get to work on the most advanced vision technology in the world.
- ✓ You get to work in a very dynamic and exciting startup where you set your own limit of success and growth.
- ✓ You get to collaborate with leaders and experts in the field of smart sensors and computer vision.
- ✓ You get to shape the next revolution in technology.

✉ If you find this job stimulating send your CV in PDF format to info@oculi.ai . Please include the Job Title in the email subject.