



## JOB DESCRIPTION

<b>Job Title:</b> Senior Electrical/Computer Engineer	<b>Location:</b> Integrated Biometrics, LLC Phoenix AZ Area
<b>Reports To:</b> CTO and VP of R&D	
<b>Job Description</b>	
<p>IB is recruiting for an energetic <u>Senior Electric/Computer Engineer</u> to expand our R&amp;D team. IB makes the world's most compact FBI certified fingerprint sensors. In this position you will help develop the future of our technology. It requires both hand-on engineering as well as team leadership.</p> <p>This position spans a large array of technical areas, product and process development. It is on-site at our new center for R&amp;D in Phoenix (Metro East), Arizona.</p> <p><b>Typical projects include:</b></p> <ul style="list-style-type: none"><li>• Model and evaluate alternative system architectures</li><li>• Support design review to ensure manufacturability, testability, quality as well as performance</li><li>• Teardown, analyze, and benchmark various sensor products - including supporting software</li><li>• Develop prototypes/breadboard of new product concepts or improvements to existing products</li><li>• Identify, test and qualify new state-of-art electronic components</li><li>• Develop cost models for new as well as existing products</li></ul> <p><b>This position requires:</b></p> <ul style="list-style-type: none"><li>• BS in Electrical Engineering</li><li>• 5+ years' experience - Deep understanding of hardware, SoC,ARMs, PCBs, FPGAs, CPLDs...</li><li>• Understanding of communication protocols such as USB, Parallel, MIPI, SPI...</li><li>• Proficiency with various OS's such as Linux, Windows, Android, iOS</li><li>• Ability to use at least one PCB Design tool such OrCad, PADs or Eagle</li><li>• Expert level for C/C++</li><li>• Some understanding of Verilog HDL</li><li>• Skilled in use of test equipment such as VOM (DMM), Oscilloscope, Logic Analyzers etc.</li><li>• Very good general computer skills (including MS Project)</li><li>• Strong analytical skills</li><li>• Problem Solving, Teamwork, Communication, and Interpersonal Skills</li><li>• Willingness and ability to travel including internationally</li><li>• <b>Must have prior team leadership skills</b></li></ul>	



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### Other Preferred Skills & Qualification

- MS/PhD in Electrical or Computer engineering
- Some understanding of Image processing
- Knowledge of image sensors such as CIS or Custom TFT including ASICs
- Knowledge of high-level object-oriented languages such as Python, C# etc.

In early 2017, Integrated Biometrics adopted the Entrepreneurial Operating System (EOS) – as taught in TRACTION by Gino Wickman. We use this approach for the overall foundation of the organization. The results have been good to excellent. Naturally, we continue to extend EOS to all levels of the organization. It has become an important part of our culture of achievement.

Our executive offices, including marketing, finance, accounting, domestic logistics and strategic engineering, are based in Spartanburg SC. Our manufacturing and product / process / engineering offices are outside of Seoul, South Korea. We also have an expanding R&D lab and film production facility in Chandler, AZ. The majority of IB's sales resources work remotely across the globe.

IB has been recognized as one of the South Carolina Top-25 Fastest Growing Companies in 2016, 2017, 2019 and 2020 and in the Inc. 5000 Fastest Growing Companies for 2016, 2017, 2018, 2019 and 2020.

**Core Purpose:** We enable convenient, accurate fingerprint identification.



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### Core Values:

- Customer-focused
  - Friendly – Cooperative – Good Listener – Respectful
  
- Get Things Done
  - Persistent – Curious & Innovative – Results Oriented – Proactive  
Resourceful Common Sense – Helpful – Enthusiastic – Adaptable
  
- Accountable

Trustworthy – Team Player – Cooperative Relationships – Honest – Reliable – Quality Work Unbiased Behavior  
– Support for Workplace Diversity

Responses can be sent to: [jobs@integratedbiometrics.com](mailto:jobs@integratedbiometrics.com)