



JOB DESCRIPTION

Job Title: Hardware Support Engineer Reports To: Director of Engineering and Quality	Location: Integrated Biometrics, LLC Spartanburg, SC
Job Description	
<p>IB is recruiting an <u>Electric/Computer Engineer</u> to expand our US engineering team. IB makes the world's most compact FBI certified fingerprint sensors. This position has many challenges and opportunities to work in state-of-the-art hardware, product quality and research and development.</p> <p>Typical work includes:</p> <ul style="list-style-type: none">• Work with critical customers to integrate sensor solutions into their products• Travel to client sites to assist with debugging• Interface with key clients to understand engineering needs and market demands• Document, track bugs as they are observed across platforms• Perform root cause analysis on field failures critical customer quality issues• Define specifications around existing products• Work with Test Automation to build useful diagnosis tools• Coordinate with manufacturing, production, design, R&D teams to fix critical issues• Participate in relevant academic research affiliations• Design experiments to characterize circuit behavior• Develop return operating characteristic tools to analyze machine learning application performance• Draft reports that effectively communicate research findings to other team members• Develop theories, concepts, tools that facilitate next generation hardware, software, and algorithms• Develop code-based tools to facilitate data modeling and analysis <p>This position requires:</p> <ul style="list-style-type: none">• BS in Electrical Engineering• 0+ years' experience - understanding of hardware, SoC,ARMs, PCBs, FPGAs, CPLDs...• Understanding of communication protocols such as USB, I2C, MIPI, SPI...• Understanding of various OS's such as Linux, Windows, Android, iOS• Good skill level for C/C++• Skilled in use of test equipment such as VOM (DMM), Oscilloscope, Logic Analyzers etc.• Very good general computer skills (MS Office)• Strong analytical skills• Problem Solving, Teamwork, Communication, and Interpersonal Skills	



JOB DESCRIPTION

- Willingness and ability to travel including internationally

Other Preferred Skills & Qualification

- Some understanding of Image processing
- Knowledge of image sensors such as CIS or Custom TFT
- 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.



JOB DESCRIPTION

Core Purpose:

- Provide finger-print identity sensors, solutions, and services to the world.

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