

Position Software Engineer / Production Data Analyst



No. of Vacancy 1

Meridian Innovation is aiming at improving health, safety, comfort and energy efficiency by making thermal imaging available to mass market products for the first time. We are a multi-national fabless semiconductor company, pushing the technology boundaries with a suite of proprietary inventions – from a novel microchip with multipixel thermal sensor array, through electronics hardware and software for thermal and multi-modal image acquisition, to thermal image and data analytics. Meridian Innovation is part of the Elite program of HK Science and Technology Park, and has received a number of recognitions for our vision and execution skills, including *Forbes' 100 to Watch in Asia* (2022), *HK ICT Awards Smart Home* (2022), *Singapore OCBC Best Innovation* (2022), and most recently *EE Awards Asia Innovation Award* (2023).

We seek an energetic person willing to gain experience and expertise in the field of data analytics and AI applied to the mass-production of thermal imaging sensors for smart appliances, homes and IoT. The role is best-suited for graduates in Computer Science, Software Engineering, Applied Mathematics, or related disciplines, ideally at MSc level, since the work involves both software development and data analytics. The objective is to maximize and maintain production yield and quality, by continuously acquiring vast amounts of data throughout the manufacturing of the thermal imaging sensors, storing, analysing, summarising and reporting key metrics based on that data, and facilitating decisions for process optimisation and control.

Desired qualities and skills:

- Intelligence, initiative, integrity
- Analytical thinking, open communication, desire to serve
- Python, including web development and working with a database
- Data analytics, statistics, math
- Machine learning/AI applied to anomaly detection and image processing

Competitive offer includes stock options plan, paid annual leave, medical & dental cover, great office culture and exceptional international team of people to work with.

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