

JOB PROFILE

Embedded Software Design Engineer

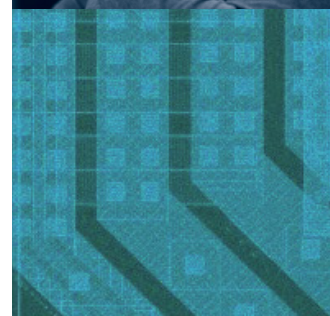
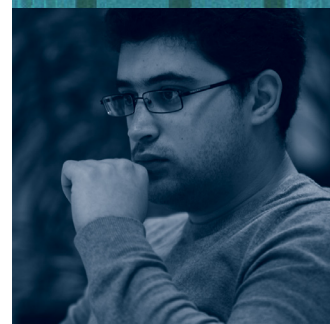
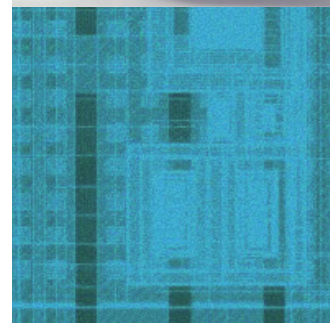
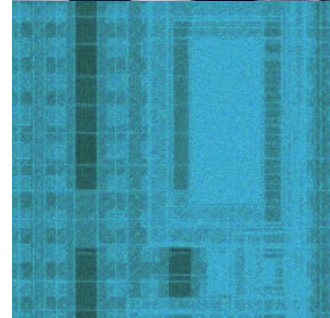
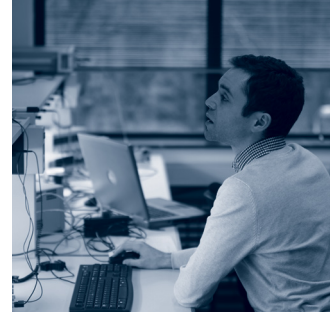
Job description

As a Embedded Software Design Engineer at ItoM Medical, you will be responsible for providing Software Design solutions for embedded systems including wireless communication and algorithm design. These responsibilities include:

- Design, program (implementation), optimize and document embedded micro-controller applications
- Working within ItoM Medical's multidisciplinary team to define the requirements and architecture for embedded software
- Product development in our Quality Management System
- Cooperate with hardware design group for an optimum partition between digital, analog and software domain
- Performance and power estimation and designing for a good compromise between performance and power consumption
- Define test plans and verify, validate and debug designs

Your profile and skills

- You are dynamic and highly motivated with a strong desire to develop skills in Embedded Software design
- You have affinity with embedded product design
- You have affinity with wireless communication and algorithm design
- You have affinity with hardware design
- You have experience with various micro-controller architectures
- You are familiar with Matlab/Simulink and similar tools and have an affinity with various programming languages
- You are familiar with signal processing and statistical code analysis
- You have knowledge of MISRA or comparable methods
- You have knowledge of IEC 62304 (is a pre)
- You have knowledge of communication protocols i.e. BLE, Wi-Fi
- You demonstrate good analytical and problem-solving skills
- You offer quality and reliability to colleagues, customers and management, willing to share knowledge and able to communicate efficiently
- You are enthusiastic about further developing multidisciplinary experience from IC design to tested products
- You are a self-motivated, efficient professional able to work with a good autonomy and in teams
- You are fluent in English, both written and spoken



Benefits

- Work within an inspiring and highly experienced multi-disciplinary design team
- An attractive wage package with several extra benefits
- Participate in exciting innovative healthcare projects
- Broad activities, including system design, with a lot of responsibilities within a flexible and growing team

Apply for the job or do you want more information?

Do you recognize yourself in this job profile? Do not hesitate and act to become part of our family. We look forward to receiving your resume. Please send it to recruitment@itom-medical.com or contact Jurryt Vellinga at +31 653 568 674.

Learn more about ItoM Medical: www.itom-medical.com



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