

# JOB PROFILE

## Experienced Embedded Design Engineer Location Eindhoven

### Job description

An Experienced Embedded Design Engineer at ItoM is responsible for providing design solutions (hardware and software) for embedded systems including wireless communication and algorithm design. Responsibilities include:

- Algorithm development and modelling of system level behaviour
- Translating requirements to specifications and system partitioning between hardware and software.
- Conducting performance, power and cost estimation and designing for a good compromise between them
- Communicating with external and internal customers as well as with suppliers for prototyping and pre-production
- Ability to lead hardware and software design teams
- Capability to bring a design to a production level quality
- Defining test plans and verify, validate and debug designs

### Your profile and skills

- Experience with embedded product design, both hardware and software
- Good analytical and problem-solving skills
- Good knowledge of Matlab-Simulink, programming languages (C, C++, Python)
- Experience with wireless communication (i.e. BLE, Wi-Fi, LoRa and proprietary protocols) and algorithm design
- Knowledge of version control tools usage
- Self-motivated, efficient and able to work alone and in teams
- Fluent in English, both written and spoken; Dutch is an asset

### Benefits

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

We look forward to receiving your resume.

Please send it to [recruitment@itom.nl](mailto:recruitment@itom.nl)

or contact Jeroen Langendam at +31 616 566 846.

Learn more about ItoM: [www.itom.nl](http://www.itom.nl)



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