

# Junior Systems Engineer

Cruden develops professional open architecture driving simulators for the automotive, motorsport and marine industries. We supply flexible, durable, high performing real-time simulators and their modular components: hardware, software, vehicle models, content and projection systems.

The Systems Engineering team is responsible for managing and delivering all simulator projects to our customers. Within a project, a Junior Systems Engineer will draft the project requirements in collaboration with the customer and Senior System Engineers. You will research, specify and configure all things related to a simulation setup in order to meet the requirements.

The role is very diverse, it covers mechanical, electrical and software (configuration) work. It involves human-machine interfaces (e.g. steering, navigation), motion, audio and visual systems. Think of: connecting a gear lever with a vehicle model using the CAN protocol such that it can be used in a Simulink vehicle model running on a dSPACE hard real-time system.

The Junior Systems Engineer reports on progress to the Lead Engineer of the respective project.

The ideal candidate will be motivated, flexible and pragmatic. You must be willing to travel globally and work autonomously as well as in a team. You are eager to learn and have analytical thinking and problem-solving skills.

## Responsibilities & duties

- Research, specify and design simulator systems according to requirements;
- Commissioning of simulators;
- Building support, testing and evaluation of (proto-type) simulator systems;
- Create layout designs for simulators in the context of the end user's facility;
- Create internal and end user documentation;
- Be an integral part of the project team (e.g. on-site commissioning of simulator).
- Manage your own schedule and deadlines and communicate conflicts.

## Required education and experience

- B.Sc. or M.Sc in mechanical / electrical engineering (or equivalent);
- Confident with PCs and networks;
- Good knowledge of English;
- Valid driving license.

## About us - we'll offer you:

- A representative salary, 25 holidays and a pension plan;
- Flexibility in working hours;
- A highly motivated and competent team that can't wait for you to join them;
- An open-minded company with a family feel and a flexible attitude.



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Do you live in the Netherlands and can you commute to Amsterdam on a daily base? Do you have what it takes to setup or simulators used by the most demanding people in the business, such as Formula 1 drivers and navy seals? Then we'd love to hear from you!

Please send your application (including motivation and resume) to [jobs@cruden.com](mailto:jobs@cruden.com).