

## JOB OFFER: SYSTEM ENGINEER – SIMULATION SPECIALIST

Are you passionate about modelling and simulation? Ready to join a fast growing team and work on exciting projects in the fields of security, defence, transport and logistics? Then this job advert is for you!

Our Modelling & Simulation Area is looking for enthusiastic professionals like you, with a solid expertise and experience in modelling and simulators (e.g. agent-based simulation, wargaming), to be integrated in our team in Genoa, Italy!

### ACTIVITIES:

The tasks, depending on your skills and level of experience, include:

- Developing and integrating simulators and serious games for security and defence, transport and logistics.
- Contributing to the setup of simulation-based solutions, both in terms of SW and HW.
- Determining what types of modelling and simulations methodologies and tools are to be used, and what SW and HW are to be procured.
- Contributing to the different phases of the solutions lifecycle (requirements gathering, solution design, development, data collection, calibration, testing, integration, validation).
- Maintaining current knowledge of new developments in the field of modelling and simulation.
- Researching existing technology to identify possible improvements that could enhance the simulation models and capabilities.
- Interacting with providers of SW and HW to evaluate specifications and performances against the solution requirements.
- Preparing technical documentation for simulators and simulation results, as needed.
- Supporting the preparation of proposals for bids and tenders, in agreement with your level of experience and skills.

### REQUIREMENTS:

- MSc Engineering, Computer Science or equivalent STEM degree.
- Passion for simulation and serious gaming.
- 3-5 years of experience in the field, possibly in a similar role.

### HARD SKILLS:

- Required: advanced experience with simulators and simulation architectures, equipment, tools, and interoperability protocols (e.g., HLA, DIS).
- Required: experience with multi-method modelling and simulation methodologies and tools (e.g. AnyLogic).
- Desired: good experience with games engines (e.g. Unity 3D, Unreal or similar), possibly with multi-player gaming (e.g. PUN Photon).
- Desired: experience with agent-based modelling.
- Desired: experience with VR and/or AR applications and devices (e.g. Oculus, Hololens, etc.).
- Desired: previous experience in security and/or defence projects.

### SOFT SKILLS:

- Required: critical thinking, problem-solving and attention to the detail.



MASTERING EXCELLENCE

- Required: availability and proven aptitude for teamwork, experience in Agile development teams will be a plus.
- Required: good communication and interpersonal skills.

#### WHAT YOU GET:

- Varied work with personal responsibility and influence on solutions development.
- Constantly engage with the challenges of state-of-the-art and future technologies.
- Enhance your skills and build a career path of excellence.

**WORKING LANGUAGES:** Italian and English (both needed).

**WORKING LOCATION:** Genoa, Italy - Immediate availability.

**TYPE OF CONTRACT:** Full time

#### WHY WORKING IN STAM:

Stam is a fast-growing multidisciplinary engineering company, with a team of young talents involved in international projects alongside corporates, SMEs and start-ups in various fields and industrial sectors. The company has been involved in over 600 projects to date and has an ambitious development plan that requires the constant inclusion of brilliant and eager candidates / and to grow professionally within a dynamic and excellent company.

Stam is a reality that puts its talents at the centre and enhances their skills and ability to shape the growth of the company, promoting the contamination of disciplines, intrapreneurship, and meritocracy.

This is a very good opportunity to join Stam's team and to actively contribute to the development of the Modelling & Simulation Area, becoming part of a company that offers great possibilities to learn and grow. Talent development is a managerial principle at Stam, and we are committed to fostering the growth of our employees with full respect of gender balance.

#### THE SELECTION PROCESS:

Please send your CV in English to Umberto Battista, [u.battista@stamtech.com](mailto:u.battista@stamtech.com), ref. "System Engineer – Simulation Specialist", including a convincing cover letter, summing up your strengths and relevance to the job position at stake.

The received CVs will be evaluated and only the selected candidates will be contacted and invited to a job interview.

At the end of the selection process, a second interview with the company management will be set.