

JOB DESCRIPTION



SIMOGGA™
THE FACTORY DESIGN TOOL

Senior Software Engineer who will build (y)our future using VLSI, Chaotic warehousing and Industrial automation techniques

COMPANY DESCRIPTION

AMIA Systems is a spin-off based in Belgium from the "Université Libre de Bruxelles": **We help plant managers to Visualize, Quantify and Optimize their Facility layout, their Schedule & Planning and Overall Equipment Efficiency metrics (OEE)**

We focus on maintenance site (MRO), production plant or warehouse

We deliver software solutions and consultancy.

WE DELIVER 3 SOLUTIONS:

- **SIMOGGA Layout design:** A 2D CAD solution to visualize, quantify and optimize the facility layout
- **SIMOGGA Planner:** An Advanced Planning & Scheduling solution (APS) to optimize the goals, with limited resources under constraints
- **SIMOGGA Appliance:** Deliver the Overall Equipment Efficiency (OEE) using the Manufacturing Execution Systems (MES) giving Shop floor transparency based on real-time, objective data collected from the machines

Position type: full-time

Start Date: 1 Jan 2016

Working environment: FR, EN, NL

Title: Senior Software Engineer

Location: Brussels, Belgium

Job description:

Perform the R&D necessary to build (y)our next generation solutions:

- Automatic positioning of machines inside a shop floor based on Very-Large-Scale-Integration (VLSI) techniques
- Apply chaotic warehousing techniques (similar to Amazon) inside complex and perturbed environment
- Extract, Transform and Load data produced by facilities such as Production plant, Warehouse and MRO facility. You will collect data from MES, ERP, 3rd Parties APIs

Requirements

- Create algorithms using C++, Microsoft .NET, Java, JavaScript programming languages
- Build the front-end solution using Web technologies such as BabylonJS, Three.JS
- Deploy the applications on a cloud platform from Microsoft, Google or IBM
- Collect the requirements from (y)our prospects, customers or partners
- Report and publish the results
- Perform on-demand consultancy
- Support the Sales & Marketing team

Profile:

- Industrial or Civil engineer having expertise in Manufacturing, Automation, VLSI or Warehouse management – a PhD degree is appreciated
- Minimum 5 years of experience or a relevant experience
- Excited to develop state-of-the-art software
- 2D or 3D CAD solutions expertise

What do we offer?

- Work-life balance
- An attractive salary, stock options based on the performances
- Extralegal benefits

Contacts

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