

10/2023

Junior Modeling Engineer

Balkan - SAST Ltd., the Bulgarian branch of AZD Prague - a leading European manufacturer of equipment for signaling, telecommunications and automation in the field of transport with a focus on rail and road transport. The company has offices in over 10 countries and customers in Europe, North America and Asia.

Due to expansion of its activities, the company is looking for a Junior Modeling Engineer.

Skills:

- University degree/Student in the area of Computer Systems, Electronics, Automation, Information Technologies or equivalent;
- Knowledge of the modeling and simulation of state machines, behavioral models, logical (boolean) machines;
- Good analytical skills and desire to learn exciting new technologies;
- Fluent command of English (both spoken and written);
- Knowledge of MATLAB, Simulink and software design/simulation toolboxes will be considered as an advantage;
- Knowledge of the design of software for desktop/embedded systems will be considered as an advantage;
- Knowledge of OOP programming with C++ will be considered as an advantage;
- Knowledge of software design, model based development and software integration will be considered as an advantage;

As part of the software development team you will participate in the design, development and testing of the latest generation of software, developed by AZD Prague, and your responsibilities will include:

- Modeling of state machines, behavioral models, logical (boolean) machines;
- Simulation of models;
- Perform model debugging and quality assurance – unit testing, integration testing, etc;
- Code generation from models;
- Prepare appropriate technical documentation;

What we offer:

- permanent employment contract;
- conditions for future development;
- work in a dynamic and interesting environment with modern technologies;
- office in the central part of Sofia, with a wide official parking lot;
- Friendly, pleasant and calm working atmosphere;
- Free lunch and coffee