

SOFTWARE DEVELOPER CORE/SERVER

1 - RESEARCH AND DEVELOPMENT TEAM

Research and development (R&D) is a technical group with the purpose of developing, testing, documenting, and maintaining competitive open products using latest technologies and emerging standards for contact centers. The group tries to achieve its objectives by continuously improving methods and processes in order to increase product quality and carry out delivery on time.

The R&D group is based in Lisbon, where all the product design and implementation tasks are done. The products developed by the R&D group are used worldwide by our customers and supported locally by dedicated regional Global Professional Services and Technical Support teams in EMEA, North America, Latin America, and Asia Pacific.

2 - JOB LOCATION & DEPARTMENT

- Office - Lisbon, Portugal
- Department - Research & Development – R&D

3 - POSITION

- Long term position

4 - MISSION

- To develop robust code for **core/server** components of uCI8, following the technical design. Also, code review, unit test and check if integrated solutions works, to ensure its correct development.

5 - MAIN CHALLENGES

- Analyze and deal with a highly complex **real time, parallel** and **concurrent multi-thread** software suite.
- Work within a highly skilled team to design elegant and efficient solutions.
- Review code and feature designs.
- Write and run unit and integration tests of developed modules to ensure their correctness.
- Liaise with members of other teams during every development sprint to ensure the implementation according to the use case and feature requirements.
- Develop using high quality and efficient coding practices.

6 - BACKGROUND

a) TECHNICAL SKILLS

- Solid Programming skills; object oriented; robust code; software architecture.
- Solid Software Engineering Methodologies skills.
- Good Knowledge of core and concurrent design patterns.
- Good knowledge of parallel and concurrent thread programming.
- Strong communication, analytical and problem solving skills.
- Good knowledge of C/C++ (preferred) or other object-oriented programming languages, such as Java or C#.
- Knowledge of technical English.
- Preferred: good knowledge of relational database concepts and transactional SQL programming (SQL Server and Oracle knowledge is a plus, but not mandatory).
- Algorithms (Sorting and trees, hashing, graphs, shortest paths, dynamic programming, search...)
- Construction and structures of software (Regular expressions, data types, recursiveness, concurrency, procedures, processes and sockets, state machines, synchronization, memory management, exceptions...)

b) EDUCATION

- Computer science/engineering master degree (Bolonha).

c) EXPERIENCE

- Experience in the above detailed functions after graduate level is a plus.

7 - BEHAVIOURS

- Smart and with "get-things-done" proactive attitude, searching creative solutions for Problems, while keeping focus on the Customer's point of view
- Doesn't like to live with "broken windows", fixing bugs when found, instead of leaving it for tomorrow
- Enthusiasm and motivation for integrating the R&D department of a product where quality, flexibility, innovation and internationalization are key factors.
- Willingness to question, analyze and criticize.
- Ability to maintain cooperative relationships with other Teams.
- Commitment and Flexibility.
- Organized and systematic.
- Ability to handle several simultaneous tasks.

8 - SEND YOUR CV TO:

jobs.pt@altitude.com

Ref: Server/Core

Considered candidates will be contacted within 4 weeks.