



Junior Software Engineer - Applications Prototyping and Implementation

Job Description

iJet Technologies, Inc. is executing upon a global strategy to successfully deliver world-class applications and connectivity solutions to the aviation industry.

This position is for a junior software engineer to develop prototype applications and model aviation software within a highly adaptable physical and virtual laboratory environment comprised of specialized communication, aviation, and computing systems, supporting iJet System concept validation, prototype development, and simulation.

Primary Responsibilities and Expectations

- Assist in developing prototype software in a virtual computing and communications environment with simulated components both onboard the aircraft and in corresponding ground IT environments
- Assist the team and engage in engineering analysis, trade studies, and other experiments
- Assist in producing technical reports outlining the prototype software's architecture, design, and modeling test results
- Leverage your ability to work in a dynamic environment where requirements may be incomplete or vague to help validate and baseline system functionality
- Assist engineering in developing realistic scenarios and test mock-ups to model various functional components and exercise advanced concepts, evaluate preliminary designs, and detect potential faults and incompatibilities
- Leverage your experience in Java and C programming on specialized Linux and Windows environments
- Utilize any experience with Web interfaces, SOA, Web Services, Java Message Service, and databases to provide the tools you need to design and develop prototype applications
- Assist in clearly and effectively documenting the software architecture and design

Qualifications and Requirements

- Java, C, and C++ software engineering skills
- Basic knowledge of modern IP networking
- Familiarity with COTS and open source software tools algorithms, techniques, tools, and solutions
- Demonstrates a solid knowledge of professional field and wiliness to learn on the job
- Proficient with tools, systems, processes, and procedures to accomplish work
- Typically 3+ years of relevant experience and Bachelor's degree in Electrical Engineering or Computer Science is preferred

Interested candidates should send resume to: jobs@iJetonboard.com.

No calls please.