**Job Title:**
Software Engineer

**Location:**
Italy (Udine); Onsite

VI-grade is part of HBK's Virtual Test Division, which provides real-time software, simulator, and hardware-in-the-loop solutions to virtually test products throughout the development cycle, helping companies accelerate innovation, reduce physical prototypes and time-to-market, and improve their competitive advantage.

Our real-time simulation and professional driving simulator solutions include static deskside solutions, through to full-scale driver-in-the-loop dynamic simulators. We deliver turnkey solutions to enable transportation industry OEMs, suppliers, research centers, motorsport teams and universities to accelerate product development. This includes supplying proprietary software, hardware, services, and an open framework for customization.

Virtual Test employs 250 highly skilled colleagues worldwide, and has offices in Germany, Italy, France, UK, China, Japan, and the USA, as well as a broad network of worldwide channel partners.

We are looking for a talented ***Software Engineer*** to join our team. Your primary focus will be to develop and maintain the automated test infrastructure for a new product based on Unreal Engine.

**Primary Responsibilities:**
- Identify the best testing strategies for the various modules of the product
- Implement test procedures to monitor quality and performance of the software
- Refactor existing code to simplify testability
- Refactor existing code to improve performance
- Monitor and maintain the test execution

**Qualifications:**
- Knowledge of C++ and Python programming
- Knowledge of Unreal Engine development and automation
- Knowledge of test automation framework
- Knowledge of common development tools (git, DevOps, Visual Studio)
- A passion for staying updated on the latest industry trends and technologies

**Preferred Qualifications:**
- Previous work on interactive and real-time 3D projects
- Familiarity with real-time code development

**To Apply:**

Go to https://spectris.wd3.myworkdayjobs.com/HBK_Careers/job/Tavagnacco-IT/Software-Engineer_12744-1