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We at BMW Car IT GmbH take the responsibility for software across domains. By delivering software all the way from the idea to the final product we lead BMW into the future of digitalization.

Internship: Automotive Infotainment Test Rack Update Procedure (m/f)

You will be taking part in the testing activities in an agile environment with a strong focus on software quality. The task is to provide a method for updating a rack of automotive ECUs with the most currently released SW in an easy and reliable way. These test racks are used to test the latest BMW Infotainment Headunit. Therefore you will learn how to operate a test rack and perform SW update procedures. You will manually perform the update and document the method such that those unfamiliar with the procedure can easily follow and successfully update their test racks. After that, a script or a suite of scripts have to be developed to automate the SW Update procedure. Finally, we will target to roll-out the automation scripts to the Headunit teams in BMW Car IT.

Requirements:

- Experience in Python software development
- Knowledge of SW update (flashing) procedures is beneficial
- Bachelor or Master studies in Computer Science, Electronics Engineering or similar
- Knowledge of test automation development and execution (Continuous Integration, automated unit and component testing)
- Business-fluent English is required

Location: Ulm

Contact: students@bmw-carit.de

You can find out more about us as an employer, our entry programmes and other job opportunities at <http://www.bmw-carit.de/opportunities/>

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