



DR.-ING.  
**ROCCO DEUTSCHMANN**

# VITA

Dr.-Ing. Rocco Deutschmann was born on April 7, 1977 in Dresden.

He studied electrical engineering at the TU Dresden and graduated in 2001 with a degree in engineering. He received TU Dresden's J. A. Schubert Ingenieurspreis (Engineering Award) for his diploma thesis on the "Systematic Testing of Engine Control Units".

In the same year, he started working as a research associate at the Dresden Institute of Automobile Engineering (IAD) of the TU Dresden. There, he led the research project "Systematic ECU Testing" in close cooperation with BMW AG. In 2007, Deutschmann completed his doctorate on the topic "Semi-Formal Methods for the Automated Testing of Embedded Systems" and was awarded the Herrmann Appel Prize for his outstanding work.

His dissertation focused on the development of a software architecture and algorithms for automated test execution, test data analysis as well as test case generation from formal requirement specifications.

The results of this formed the foundation for his further professional career and the formation of TraceTronic GmbH. Founded in 2004, the company specializes in solutions for complex automated functional and system testing of vehicle software. Deutschmann has been the Managing Director of TraceTronic GmbH since the very beginning.

Under his leadership, the company has expanded steadily in recent years and has also been able to establish itself internationally. With employees in Germany, North America, and Asia, the company invests heavily in innovative research and development projects in order to continually expand its portfolio of products and services.

Furthermore, Deutschmann makes a great effort to pass on knowledge to future generations. As a guest lecturer at universities in Dresden, he regularly gives talks on the subjects of software quality and testing as well as agile enterprise design. His work in the Dresden start-up scene is also important to him, and he uses his experience to motivate bold young entrepreneurs on their way to self-employment.

