



WORK OFFER

Ref. No. AT-2017-2025GR

Employer Information

<i>Employer:</i>	AVL List GmbH Hans-List-Platz 1 8020 Graz Austria	<i>Website:</i>	
<i>Business or products</i>	Automotive Industry	<i>Location of placement:</i>	Graz
		<i>Number of employees:</i>	8600
		<i>Working hours per week:</i>	38.5
		<i>Working hours per day:</i>	8.5

Student Required

<i>Field of study:</i>	Electrical Engineering	<i>Study level:</i>	Middle (4-6 Semesters);End (7 Semesters and over)
<i>Specialization:</i>		<i>Language required:</i>	English Excellent

Other requirements:

good Computer literacy and theoretical knowledge of the function of electrical components and their function in electrical drive systems, basic knowledge in mechanical drivetrain components. Basic knowlege of Matlab/Simulink and PYTHON, C and C#

Work Offered

Modelbuilding and simulation of electric networks and electric components (i.e. E-Machine, Battery, Converter) for electric vehicles in system-simulation. Using the companies simulation-tools CRUISE, CRUISE M and Matlab/Simulink. Transferring available e-vehicie-models from CRUISe in CRUISE M and testing new elements and functions in CRUISE M. Comparison of functions and modelling of both tools. Building test- and installation models.

<i>Number of weeks offered:</i>	20 - 26	<i>Working environment:</i>	Research and development
<i>Within the months:</i>	01-JUL-2017 - 31-DEC-2017	<i>Gross pay:</i>	1,800 EUR / Month
<i>Or within:</i>	-	<i>Deduction to be expected:</i>	aprox. 20%
<i>Holidays:</i>	-		

Accomodation

<i>Lodging will by arranged by:</i>	IAESTE	<i>Estimated cost of lodging:</i>	450 EUR / Month
		<i>Estimated cost of living incl. lodging:</i>	650 EUR / Month

Additional Information

This is a COBE offer. In case of acceptance we expect an offer rin return on the upcoming AC in Berlin, Germany.

Nomination Information

<i>Deadline for nomination:</i>	05-JUL-2017	<i>Please send nominations by</i>	Exchange Platform
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Date: 21-JUN-2017 *On behalf of receiving country:* Manuel Hofinger