



DORIN DEAC

EMBEDDED SOFTWARE ENGINEER

Profile

I had the opportunity to be engaged in a project from its roots to the maintenance stage for an ECU. I was responsible for the communication layer which intersects with system initialization and automotive diagnostic features. When the deadlines increased the pressure, I was entangled with technical skirmishes. Lessons learned: Whatever you do, do it with all your heart. It will not be the best solution, but it will work.

Skills

Skill group

C/C++	●	●	●	●	●
Embedded Systems	●	●	●	●	●
Automotive	●	●	●	●	●

Skill group

Python	●	●	●	●	●
MATLAB & Simulink	●	●	●	●	●
Java	●	●	●	●	●

Experience

Embedded Software Engineer

NTT DATA Romania - Present

Function responsible activities within automotive SDLC for AUTOSAR based project

Embedded SW development and functional testing, altogether with Documentation.

Design and implement based on customer requirements

communication protocol for ECU within the Infotainment System

Fix and Maintenance for RamTst module

Perform Unit Test for AR MCAL Modules

Embedded Trainee

NTT DATA Romania - 2016

Embedded systems minimal design for HW and SW; Activities:

Programming and Testing

Internship

Continental Romania - 2015

Develop and Design GUI for a cluster instrument cross-compiled and launched on a Beagle Bone Black, and Raspberry Pi;

Education

Advanced Process Management

Technical University of Cluj-Napoca, Cluj-Napoca | 2017 - Present

Systems Engineering Master Program

Nonlinear and Stochastic System Theory

Robust and Embedded Systems

Optimal Control Theory

Computer Vision

Automation and Applied Informatics

Technical University of Cluj-Napoca, Cluj-Napoca | 2013 - 2017

Systems Engineering Undergraduate Program

Systems and Control Theory

Process Modelling and Simulation

Distributed control systems

Application Oriented Programming Languages

Electronics basics and electronic circuit design

Contact

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