

Tudor Andrei Dumitrascu

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experience

Continental Powertrain Engineering, Timisoara, Romania 2019

Embedded/Arduino Developer: Development of an electronic module with the aim of collecting data from an electric vehicle through the internal CAN Bus and storing the data (SD Card).

EDCA department of PUB, Bucharest, Romania 2019

Laboratory Teacher Assistant: Coached students during the Laboratory of Digital Integrated Circuits, to develop Verilog programs for an FPGA board.

education

Facultatea de Electronica Telecomunicatii si Tehnologia Informatiei, Bucharest, Romania 2016-2020

Computer Programming, Data Structures and Algorithms, Electrical Engineering, Object-Oriented Programming, μ Processor Architecture, Circuit analysis, Digital Integrated Circuits, Analog Integrated Circuits, μ Controllers, Decision and Estimation in Information Processing, Digital Signal Processing, Communication Systems

Åbo Akademi, Turku, Finland 2019-2020

Deep Learning, Graph Algorithms, Web Server Development, Wireless Digital Communication, Introduction to Data Science, Machine Learning, System architecture of IoT Cloud Computing, Safety Software, Lab internship, Project Course

Academy+Plus/Ecolé 42, Bucharest, Romania 2018

The basics of C Programming: functions, arrays, pointers. The basics of the UNIX OS: file manipulations, navigation, permissions. Advanced aspects of C Programming: Data Structures and Algorithms. Programming projects in C: Libft, Fillit, Get_Next_Line

projects

Programming Libft, Fillit, Get_Next_Line, Quote Generator Web Page,
Hardware CAN data logger, Wien Bridge Sinusoidal Oscillator with AGC

technical skills

Software C/C++, JavaScript, Python, Tensorflow

Hardware Verilog, Arduino, Digital Integrated Circuits

Markup L^AT_EX, HTML/CSS, Markdown

Workflow Git

general skills

Languages Romanian (mother tongue), English (fluent)

Soft Skills Teamwork, Time management, Adaptability