BENCE KÖNNYŰ

SOFTWARE ENGINEER

CONTACT

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📍 Budapest

SOFTWARE STACK

Python
- Beautiful Soup
- Selenium
- NumPy
- Pandas
- Flask
- REST API
- SQLite

Git
JIRA
HTML, CSS
- Bootstrap

Automotive software:
- Matlab
- Matlab Simulink
- Embeded coder/Targetlink
- MSOSA
- 3D Experience
- Integrity

QUALIFICATIONS

English B2
Driving license B

EXPERIENCE

PRODUCT OWNER

Jaguar Land Rover Hungary Kft., 2022 - 2023

Owner of Vehicle state estimation
Responsibilities:
- Stakeholder management
- Requirement management
- Model-based system development
- Verification and validation
- Software integration
- System quality management

SOFTWARE DEVELOPMENT ENGINEER

AVL Hungary Kft., 2019 - 2022

Model based function development for:
- Exhaust aftertreatment system (SCR, DPF)
- Fuel cell
- Battery managament system

Tasks:
- Requirement engineering
- Software architecture design
- Function development and testing in Matlab Simulink
  - Component level
  - Function group level
  - Software system level
- Function calibration, and validation
- Patent research
- Mentoring - introduce newcommer colleauges to the technology and processes
- Managing software development team (4 people) daily work

MATERIAL SCIENTIST TRAINEE

EMPA - Swiss Federal Laboratories for Materials Science and Technology (Switzerland), 2017 - 2018

Research on thin film metallic glasses: Scripta Materialia, 186, 387-391

EDUCATION

CORVINUS UNIVERSITY OF BUDAPEST
Postgraduate, Business/Managerial Economics 2018 - 2020

BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS
Vehicle Engineer, Msc, 2016 - 2017

BUDAPEST UNIVERSITY OF TECHNOLOGY AND ECONOMICS
Vehicle Engineer, Bsc, 2012 - 2016