ABDELAZIZ BOUZIANI

DATA SCIENTIST

LANGUES

French
English
Arabic

CONTACT

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PATTENTS

Power control	-	FR3092434
Energy storage	-	MA38198

HOBBIES

gardening	-	cycling
hiking	-	playing music

👤 PROFIL

I'm a data scientist at Renault group, My job is around the vehicle data starting by data mining, data analysis and elaboration of ML model, and delivering results such dashboards to help the others teams to take the right decisions

🖱 PROFESSIONAL EXPERIENCES

Renault: Data Scientist   2023-Now

Development of machine learning related to the electrical vehicle
• Predictive model of the fast charge to ameliorate the charge performance
• Predictive model for the electrical consumption and vehicle autonomy
• Estimation of the charge time and the unplugging time

Delivery of data analyses for engineering, product, and quality divisions
• Development of BI dashboards, using SQL pipelines and google looker studio
• Data analytics centered on powertrain data (Charger, Inverter, battery)
• Web scraping to track customer feedback
• The largest electric and hybrid vehicle dataset in Europe

Renault: Power Electronic Designer   2020-2022

Hardware desing: Charger, Inverter, DC-link capacitor
• Monitoring development between suppliers and Renault teams: Technical specification, supplier meeting's ...

End of line test definition
• Data analysis of the end of line tester of the charger (input: HTML files)
• Verification of the capability of each test and definition of the limits to discriminate the NOK parts

Alten: Electronic Development Responsible 2018-2020

Power electronic design: Supplier meetings, Technical specification, Validation monitoring: DCDC, DC-box for DC charge

🎓 EDUCATION

Masters Mobility and Electric Vehicles   2016-2018

Arts et Métiers ParisTech

Electrical/Automation engineer   2013-2016

Mohammadia engineering school

⚙ SKILLS

Data Science
Machine learning: Keras, tensorflow, classification, regression, clustering, NLP, deep learning

Data Analytic
Web scraping, BI dashboards, SQL Bigquery, Big data analysis

Management
Project management (Planning, Cost, Suppliers discussions)

Power electronic
Charger, DCDC, Inverter: Design, Validation

Others
HTML/CSS/JS, Python/Jupeter, Git/Github/Gitlabee, C/C++ Arduino, Matlab/Simulink