



Moez EZZERELLI

Paris

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SKILLS

SOFTWARE

FRONT-END

- HTML / CSS / JavaScript
- React

EMBEDDED

- MBD: Matlab / Simulink

CROSS-FUNCTIONAL

- Git / GitLab / GitHub
- TDD
- CI/CD
- Agile (Scrum)

GENERAL

LANGUAGES

1. French
2. English
3. Arabic
4. German

CREATIVITY

- Photography

PATH

SOFTWARE DEVELOPER: FRONT-END

CURRENTLY

✓ Obtained **certificates** → [Codecademy](#)

✓ Built a **portfolio** → [GitHub](#)

🔔 Now eager to join a **team**

Transformation context while at my previous position

- Software becoming a leading growth factor in the automotive industry
- Automotive suppliers switching to fast development cycles
- Adapted to the paradigm shift by learning the latest methods on the job

SOFTWARE DEVELOPER: EMBEDDED

2018 — 2022 | BERTRANDT (78)

Developed the Advanced Emergency Braking system (AEB)

- Sector: Automotive
- Client: Renault
- Field: Active safety, Advanced Driver Assistance Systems (ADAS)
- Test protocol: Euro NCAP
- Software architecture/standard: AUTOSAR (Application Layer)
- Tech stack and tools: Matlab, Simulink, Git, GitLab CI/CD, Jira
- Methods and organisation: Model-Based Design (MBD), Test-Driven Development (TDD), Multi-site Scrum team (France, Romania, India), DevOps-aware
- Activities:
 - Requirements: produced feasibility analyses, allocated components
 - Modelling: set up interfaces, implemented logic, wrote unit tests
 - Validation: ran performance and non-regression tests

ENGINEERING INTERNSHIP

SUMMER 2018 | BERTRANDT (DE)

Took part in an internal innovation project seeking to enhance safety and comfort of driver assistance systems through the use of massive data sets

- Configured hardware for wireless vehicle-to-server data transfer
- Prototyped a web page mapping real-time vehicle coordinates

TRAINEE ENGINEER

2014 — 2018 | BERTRANDT (78)

Started in a transversal position within the ADAS department, later joined the Advanced Emergency Braking team and entrusted with more complex tasks

- Compiled and classified a set of Matlab/Simulink tools into a library
- Analysed specifications, verified model compliance with coding rules
- Ran non-regression tests, fixed bugs, provided support for validation tools, contributed production-ready code

EDUCATION

2023: Codecademy | Front-End Engineer Career Path

2018: Polytech Paris-Saclay | Engineering Diploma¹ | Electronics, Energy, Systems

2014: IUT de Cachan | DUT² | Electronics and Industrial IT

2012: UTBM (Belfort) | Common core of engineering degree course

2011: Lycée PMF de Tunis | *Baccalauréat*³ | Major in Science

¹ Master's Degree | ² 2-year technical degree | ³ French high school diploma