Moez EZZERELLI

Paris, France
moez.ezzerelli@gmail.com

SKILLS

FRONT-END

📚 HTML / CSS / JavaScript

🔗 zerellimo.github.io

MODEL-BASED DESIGN

- Matlab
- Simulink

METHODS

- TDD
- CI/CD Pipelines (GitLab)
- Agile/Scrum (Jira)

LANGUAGES

- English (TOEIC 990)
- French (Native)
- Arabic (Native)
- German (Basic)

EXPERIENCE

CURRENTLY: CAREER TRANSITION, EMBEDDED SOFTWARE → FRONT-END DEVELOPMENT

How my transition started (previous position)

- Software becoming a leading growth factor in the automotive industry
- Assimilation by automotive suppliers of development methods (TDD, CI/CD and DevOps) already typically used by tech companies
- Adapted as a Model-Based Design Engineer to the paradigm shift by learning and applying the latest methods on the job

Steps taken to make the transition happen

- Researched the other branches of software engineering
- Decided on moving into web and front-end development
- Now pursuing a career path in order to acquire the necessary skill set :

🔗 codecademy.com/profiles/zerellimo

2018 — 2022: MODEL-BASED DESIGN ENGINEER, BERTRANDT, VÉLIZY-VILLACOUBLAY (78)

Developed the Advanced Emergency Braking system (Renault ADAS AEB)

- Specification: specified requirements (system → software)
- Modeling: implemented interfaces and functional logics, structured and integrated generic modules, wrote unit tests within an automated validation campaign
- Validation: ran performance and non-regression tests inside a functional validation environment
- Traceability: interlinked development artifacts used to produce KPIs (eg: ratio of remaining vs specified, coded and validated requirements) and to set new development priorities

Evolved in an Agile/DevOps framework

- Developer within a multi-site Scrum team (France, Romania, India)
- Referent for version control and collaborative coding
- Assistant for continuous integration and delivery

SUMMER 2018: INTERNATIONAL ENGINEERING INTERNSHIP, BERTRANDT, REGENSBURG (GERMANY)

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 to transfer data wirelessly between a vehicle and a server
- Prototyped a web page mapping real-time vehicle coordinates

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2014 — 2018: TRAINEE ENGINEER, BERTRANDT, VÉLIZY-VILLACOUBLAY (78)

1. Compiled a set of Matlab/Simulink tools into a library used by the engineering teams of the ADAS department
2. Joined AEB Team, analyzed specifications, validated and verified model compliance with coding rules
3. Performed non-regression tests, fixed bugs, provided support for validation tools, contributed production-ready code

EDUCATION

2022: Codecademy, Front-End Engineer Career Path

2018: Polytech Paris-Saclay, Engineering Diploma (Master's Degree), Electronics / Energy / Systems

2014: IUT de Cachan, DUT (2-year technical degree), Electronics and Industrial IT

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

2011: Lycée PMF de Tunis, *Baccalauréat* (French High School Diploma), Major in Science