Emmanuel **Breton-Belz**

FULL STACK ECLIPSE RCP DEVELOPMENT · SOFTWARE ENGINEER

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Work experience

Eurecia

Castanet-Tolosan

FULL STACK WEB (JAVA) DEVELOPMENT (MAINLY BACKEND)

August 2018 -- August 2020

- Software development for Airbus model simulation process: Creation of front-end components using Nebula Nattables and Sirius Plugin for instance.
- Participation in the migration from CDO to Hibernate persistence framework.
- Creation and optimization of JPA queries to retrieve data in back-end.
- Strong knowledge in modular development.

Artal Technologies

Toulouse

FULL STACK ECLIPSE RCP DEVELOPMENT

July 2017 -- Present

- Software development for Airbus model simulation process: Creation of front-end components using Nebula Nattables and Sirius Plugin for instance.
- Participation in the migration from CDO to Hibernate persistence framework.
- Creation and optimization of JPA queries to retrieve data in back-end.
- Strong knowledge in modular development.

Bosch

Abstatt

FULL STACK ECLIPSE RCP DEVELOPMENT

November 2016 -- April 2017

- Software development for automotive controller management and design: Front-end using JFace wizards to retrieve users need and persistence using SAX/DOM.
- Advanced version system of XSD schema using Eclipse built in features.

DIEM

Salerno

OBJECT DETECTION

May -- July 2015

- Creation of object recognition using SURF feature detector with OpenCV.
- Programming in C++, and dealing with image loading, processing, feature extraction and feature enhancement for research purposes.

Scholar experience

UNISA

Salerno

VISION CUP

June 2016

- Competition for artificial vision course. Teams of three building software guiding Nao robot through a visually marked path and classify objects along the path.

ENSICAEN - IUT

Caen

WEBSITE DEVELOPMENT

2015

- Website development lab using J2EE.
- Carpooling website development using HTML/PHP and MySQL database.

Education

UNISA Ingeneria

Salerno

MASTER'S DEGREE IN COMPUTER SCIENCES

2015 -- 2017

ENSICAEN

Caen

ENGINEER DIPLOMA IN INFORMATICS, IMAGE

2013 -- 2017

IUT

Caen

TECHNICAL DEGREE IN INFORMATICS, IMAGE

2011 -- 2013

Communication skills

- **French**: Native speaker
- **English**: 820 points TOIEC, fluent
- **Italian**: Fluent

Software skills

- **Professional**: Java 8, Eclipse RCP3, Kotlin, SQL, JUnit
- **Good level**: C++/C, Oracle, git, subversion, Jira, TypeScript (ReactJs)
- **Intermediate**: Python, Rust,
- **Basic level**: NodeJS, React.js, Unity

Hobbies

- **Reading**: J2EE development tutorial by Sopra, Deep learning: A practitioner approach
- **Interests**: Nutrition, neuro-science, body kinetic, permaculture
- **Sports**: Triathlon, trail, handball