



Edward BELLAMY

Welding Engineer (IWE)
Mechanical & Materials

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+33 (0)6 29 65 54 10
Driving licence, motorized

SKILLS

Welding: Welding processes ; D & ND Controls ; WOMD/WOMQ ; HSE ; Metallurgy ; Welding behaviors

Mechanical : Stress & strain ; CAD ; Design ; Fatigue & rupture ; Failure ; Cinematic & dynamic ; Finite elements

Material : Metal ; Polymers ; Composites ; Fabrication processes ; Characterization ; Alloys ; Corrosion ; Mechanical & thermal treatments

General : Project management ; Transversal management ; Quality & norms

LANGUAGES

French (native)

English (fluent)

German (academic)

SOFTWARES

Word / Excel / PPT

Solidworks / Catia

CREO

VBA / C / Arduino

HTML5 / CSS

ADAMS

HOBBIES

- Sport : Surfing, windsurfing, climbing, jogging, motorbiking
- Technologies : 3D printing, websites, Arduino coding
- Art : Music (guitar et bass), painting, 3D modelling

EXPERIENCES

January 2019 – June 2019, Amiens, France

AVO Carbon

R&D and Purchasing Engineer: raw materials

- Technological survey, Suppliers management, Audit
- Raw material characterization, Tests & controls
- Technical support for the Purchasing Department
- Project management, Raw material validation processes

November 2017 – December 2018

Schwanau, Germany / Paris, France

BOUYGUES Travaux Publics

Material Engineer: Tunnel boring machine fabrication

- Project management
- Hydraulic, electrical & assembly plan verification
- Tests, controls, Factory Acceptance
- Organization, planning, meeting management

August 2016 – February 2017, Fos-sur-Mer, France

ArcelorMittal, New Products Department

R&D Engineer (internship): new steel grade development

- Bibliographic study, testing plans, prototyping
- Measurements, tests, metallurgical characterization

February 2015 – July 2015, Saclay, France

CEA, Lasers & Surfaces Department

R&D Engineer Assistant (internship) : interferometers

STUDIES

September 2020 – July 2021, Yutz, France

International Welding Engineer

École Supérieur du Soudage et de ses Applications (ESSA)

September 2013 – July 2017, Compiègne, France

Mechanical & Material Engineer

Université de Technologie de Compiègne (UTC)

September 2012 – July 2013, Dundalk, Ireland

Mechanical Engineer, Dundalk IT