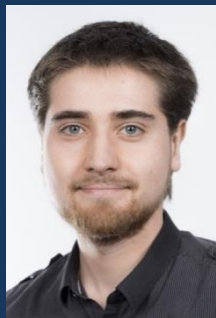


Cyril NICARD

PhD Student

Mobility: International / Availability: October 2018



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57000 Metz, France



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Driving license - 26 years

EDUCATION AND QUALIFICATIONS

Master's degree Material science

|2013-2014|

Graduate school of
Chemistry, Biology and
Physics of Bordeaux

<https://enscbp.bordeaux-inp.fr/fr>

Master's degree Magnetic Properties Electronic Organic

|2015|

Faculty of Bordeaux I
Specialization in R&D

<https://www.u-bordeaux.fr/>

SOCIAL NETWORKS



/cyrilnicard

EXPERIENCES

ArcelorMittal - IRCP - ED 388 | 2015 - Now | PhD Student

Three years PhD - ArcelorMittal Research Center - Maizière-lès-Metz (57 France)

- Work on "Corrosion mechanism understanding of new aluminium-based protective coating for steel" in automotive and aerospace applications.
- Conferences: EUROCORR Congress (Prague-2017).
- Project management • Experimental design • Transversal knowledge
- Continuous Learning • Industrial standards and certifications
- Academic and industrial interactions and communication • Autonomy.

Canadian National Research Council | 2014 | R&D Scientist

Six months internship - CNRC research center - Boucherville (Canada)

- Objective: Reduce the part of petroleum-sourced components by using bio-sourced lignin in a thermoset material for automotive application.
- Results: Material synthesized containing 10-30% of bio-sourced materials.
- Trial supervision • Quality & Security policy • Cross-Cultural Sensitivity.

SAFRAN Herakles | 2013 | R&D Scientist

Five months internship - St-Médard en Jalles (33 FRANCE)

- Objective: Adapt pyrotechnics products used in airbags to create other devices in automotive and aerospace security.
- Developments: New silicon based solution developed to stabilize and regulate pyrotechnic consumption.
- Knowledge capitalisation • Engineering • Problem Solving • Teamwork.

PSI informatics | 2012 | Assembling and setup operator

One month internship - Bruges (33 FRANCE)

- Computer assembling, software deployment, maintenance and reparation.
- Dead-lines respect • Management • Suppliers and customers handling.

RELEVANT SKILLS

Characterisations: • Microscopy (Optic, SEM, EDS) • Chromatography
• Spectroscopy (Raman, IR, UV) • Thermodynamic analysis (DTA, TGA)
• Electrochemical testing (Cells).

IT skills: • Microsoft office (Word, Excel, PowerPoint) • Maple, Matlab.

Programing: • C++ language with OOP and Qt basics (Autodidact).

English: • Scientific and professional presentations, discussion and writing/reviewing articles.

TOEIC score: 885/990 (2014).

French: Mother tongue.

INTEREST AND HOBBIES

Creative skills: • Autodidact in website design and programming (<http://nicard.cyril.free.fr>) HTML, CSS, PHP, JavaScript, MySQL with opensclassroom.fr lessons • 3D modelling (Fusion360) and printing (Dagoma Discoeasy200 3D printer) • Poster making and T-shirt design (Photoshop)
• Geometric origami and paper modelling (Pepakura). • DIY furniture maker.

Association: • Private tutor • Summer camp counsellor (|2008-2014| - BAFA)

Hobbies: • Artistic works • Movie fan • Fast reader • Board games.

Sports: • Swimming • Climbing • Gym.