

Mechanical and metallurgical engineer specialized in foundry and forge



Greetings,

Passionately interested in science and technology. I decided to work in industry, especially casting and forging.

I wish to work in the production area and team management.

Please feel free to discover my resume through the different pages of this site.

Looking forward to having the opportunity to work together.

Best regards,  
Tyéphen Corre

29 years old  
Driving License  
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EXPERIENCES

Method and industrialization foundry engineer

ALROC - Since February 2018

- Study, drawing and realization of 3D models for tool making (gravity die casting)
- Implantation of a robotic unit for foundry casting
- Follow-up on die indicators and driving continuous improvement action
- Continuous improvement in casting plant (methods, tooling, consumables...)

Production engineer - melting shop

Fonderie de Vénissieux - October 2017 to December 2017

- Driving of furnace's loading
- Driving of furnace's fusion
- Follow up in real time of metal quality indicator
- Follow up in real time of energy consumption
- Realization of preventive maintenance on induction furnace and foundry equipment

Foundry & Forge engineer in apprenticeship

Le Bélier Kikinda - September 2014 to September 2017 - Apprenticeship - Kikinda - Serbia and Montenegro



- Installation of new melting devices
- Continuous improvement in automatic casting (permanent die)
- Continuous improvement in manual casting (permanent die)
- Continuous improvement in heat treatment sector
- Validation of new tools (die, sandcore boxes)
- Yields reduction through simulation

Academic support on a voluntary basis

Les enfants animateurs de Sèvres - Since July 2014 - Volunteer Work - Sèvres - France



- Support to all school levels (middle school, high school...)
- Support for homework in science subjects

SKILLS

Industrial Processes

- Foundry
- Foundry - Investment casting
- Forge
- Automation
- Machining

Software

- Office software (Office Pack)
- 3D design software (Catia, Creo, SolidWorks)
- Simulation software (QuickCast, Forge)

Languages

- French
- English
- Serbian
- German
- Japanese



**Metallurgical and mechanical engineer specialized in foundry and forge**

**ESFF ECOLE SUPÉRIEURE DE FONDERIE ET DE FORGE**

Since August 2014

For more info : <http://www.esff.fr/>

**Preparatory class for the engineering school - Specialized in Sciences and Techniques of Industry**

**PREPARATORY CLASSES (TSI)- LYCÉE LOUIS RASCOL (ALBI)**

September 2012 to August 2014

**National contest of highschool specialization - ranked 4th**

**LYCÉE GUSTAVE EIFFEL**

2012

**GCE-A levels - Obtained with honor**

**LYCÉE GUSTAVE EIFFEL BORDEAUX**

August 2010 to May 2012