

# Jérémie Janin

## Numerical Simulation

### WORK EXPERIENCES

French  
24 years old  
Driving licence  
janin.jeremie@gmail.com  
+33 (0)786162832

#### Language skills:

- English:  
Fluent - TOEIC 935/990
- German:  
Intermediate

#### Computing:

- Programming in *Fortran*, *Python*, *Java* languages
- GNU/Linux
- STAR-CCM+
- ANSYS Fluent
- Autocad
- ProSim Plus

#### Interests:

- Travelling: Year 2016, One-month road trip within two months in the US (California). Year 2017, Two weeks road trip within one month in US (New-York)
- Music: 10 years at the Conservatory of music (Bassoon)

#### Student committee 2016:

- event management
  - basket-ball coach
- ✓ More efficient in team work.
- ✓ Taught me the importance of communication, listening and perseverance.

June to  
September  
2018  
4 months

**CFD & FSI Engineer Assistant**—*framatome, Erlangen Germany. (Fuel Mechanics)*

The goal of the study was to model the behaviour of fuel assemblies in accidental situation.

Key achievements: STAR-CCM+, java, Fortran, **relational skills**

April to June  
2017  
2 months

**Factory worker**—*Biason, Pau France. (Window manufacturing: carpentry, assembling and installation)*

In charge of a machine cutting the window frames.

Key achievements: **understanding of factory work** and **lean manufacturing**.

July to August  
2017  
1 month

**Cashier**—*TRUFFAUT, Pau France. (Garden Center)*

Working on a cash register providing a high quality, customer driven service.

Key achievements: **relational skills**, customers service and patience.

### EDUCATION

2015 – 2019

**Master's, Engineering Degree in Process Engineering (Commission of Engineer Titles)**  
*Ecole Nationale Supérieure en Génie des Technologies Industrielles, Pau France.*

- Analysing, **designing** and **sizing industrial applications**;
  - **Computer-aided design: programming and modelling**.
- 4 months group project: water displacement in a porous environment, 2D, **Finite Element Method**, Fortran.
- 3 months group project: analysis of a compressible jet impact, cooling of an electronic component.

2012 – 2015

**Three-year undergraduate program: maths, physics and chemistry**  
*University Paul Sabatier, Toulouse France*