

Clement REBILLARD

23, driving license

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FORMATION

- 2008-2009** *COmplexe de Recherche Interprofessionnel en Aérothermochimie* Rouen (France)
CORIA – UMR 6614
Master 2 Research – Energy, Fluids and Environment
(Combustion, Environment, Fluids Mechanics, Numerical Methods, Heat Transfers, Turbulence).
- 2006-2009** *Institut National des Sciences Appliquées - INSA* Rouen (France)
Three years of Engineering cycle – “Energy and Propulsion”
(Combustion, Diphasic, Heat exchangers, Fluids Mechanics, Numerical Methods, Pollutants, Sprays, Thermodynamic, Heat Transfers, Turbulence).

During the first semester of the 3rd and last year, specialization chosen:
Energetic Systems (heat production and heat transfers). During the second semester: internship.
- 2004-2006** *Institut National des Sciences Appliquées - INSA* Rouen (France)
First and Second year of preparatory cycle (generalist engineering).
- 2004** *Lycée Notre-Dame des Oiseaux* Paris (France)
High School diploma in science, with Merit.

EMPLOYMENT HISTORY

- 2009** **Veolia Environnement (current occupation)** Limay (France)
6 months Engineering Internship: “Dynamic simulation on TRNSYS of Central Solar Heating Plants with Seasonal Storage.”

Global technico-economical study of the implementation of Solar Heat in existing District heating nets. The goal is to estimate the performances of multiple hydraulic schemes and dimensioning parameters (areas and volumes) to determine the best solution and at what conditions it is cost effective (what oil price for example).
- 2008** **TRIBU ENERGIE** Paris (France)
3 months Technician Internship: “Determination of energetic coefficients for houses.”

Data treatment and State of the Art. Help an engineer in the realization of thermal studies on buildings. Reports redaction. Comparison of 2 tools that estimate the consumption of a Heat Pump.
- 2007** **JOHN CRANE France** Déville-lès-Rouen (France)
1 months Blue-collar worker at the coupling workshop.

SKILLS

- Informatics:
 - *Modeling:* CATIA, FLUENT, GAMBIT, AMESim, TRNSys.
 - *Programmation:* VBA, FORTRAN 95.
 - *Computer:* Microsoft Word, Excel, PowerPoint.
- Student's projects:
 - Coupe de France de Robotique (French robotic competition) in 2007.
- Languages: French (mother tongue), fluent English (TOEIC 925), scholar German.

CENTRES OF INTERETS

- **Sports:** VTT, semi-marathon of Rouen in 2007 and 2008.
- **Travels:** United States, European Capitals.