

## David GLOTIN

+33 6 47 24 86 18

[glotin.david@gmail.com](mailto:glotin.david@gmail.com)

5 cour des Varennes 49770 La Meignanne



# Curriculum vitae

## Formations

August 2016 – Present day

Double degree at the Royal Institute of Technology KTH in Stockholm within the **Master of Science in Sustainable Energy Engineering**

September 2014 – July 2016

Engineering student at **Ecole Centrale Nantes**: specialization in energy

September 2012 – June 2014

Student in Classes Préparatoires: a 2-year intensive course in mathematics and physics.

June 2012

**Baccalauréat in sciences** – Passed with distinction.

## Professional Experience

September 2017 – June 2018

**CIREC** (International Research Centre for Environment and Development), Nogent-sur-Marne, France. Research engineer. Retrospective simulations of heating consumption in French dwellings using the hybrid **energy – economy model Res-IRF** :

6-month internship + 4-month fixed-term contract

- Gathered data to segment the French building stock in 1984
- Configured the model parameters: public policies (tax credit, eco-loan...), refurbishing and construction costs, thermal regulations
- Compared simulation results from 1984 to 2012 with real data
- Proposed model improvements
- Writing a **research article**

April 2016 – July 2016

**ENGIE Réseaux**, Direction des Confluences, Versailles, France. District heating networks. Project engineer within the commercial department:

4-month internship

- Realised disbursement notes of networks and substations operations
- Studied technical and economic feasibility of projects:
  - ✓ Extension of Massy's district heating network,
  - ✓ Increase in density of Versailles's district heating network.
- Drafted an exploitation and maintenance contract for a secondary network.

July 2015 - 5 weeks

**CFERM**, consulting engineers in energy, Vincennes, France. Execution internship:

- Controlled the exploitation of district heating networks' substations of Créteil, Meaux and Besançon.
- Drafted inspection reports handed over to local authorities.

January 2015 – June 2015

Energy Company **Idex**, Nantes, France. Industrial Study Project

- Modelled a solar air heating wall.
- Evaluated the yield of such a system.

Summer 2012, 2013 & 2014

Diploma for youth leaders and workers. Organised holiday camps.

## Relevant skills

Languages

**French**: native speaker

**English**: fluent – TOEIC 955

**German**: good working knowledge – Goethe-Zertifikat B2 ausreichend

**Swedish**: basics knowledge – B1

IT skills

Fully conversant with Office, Matlab, Maple.

Working knowledge of programming languages C++ and R.

## Other interests

Sport

Playing in a **basket-ball** team, coached and refereed groups. Former responsible of basket-ball at Centrale Nantes.

Music

**Piano**: 15-year practice, participations in "Jean Hody" competition.

Associations

**Engineers without borders Nantes**: ethical association setting up solidarity projects.

**Centrale Vert**: promoting eco-citizen behaviours on campus.