

Mathieu FARGES, EIT

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General Engineer (EIT) / Energy manager

EDUCATION

2014-2015 : Renewable Energy Engineering MSc, **Cranfield University, UK**

2012-2015 : Mines Albi Graduate School of Engineering, France



WORK EXPERIENCE

Jan. to August 2016 PARIS-WEST UNIVERSITY – Energy manager



- Assessment of current electricity, gas, and water monitoring
- **Project management**, and evaluate **energy savings** using IPMVP methodology
- Compose technical specifications

Oct. to Dec. 2015 PAZIAUD – Energy auditor



- Official **thermal study** using an energy simulation and design tool software (ClimaWin)
- Energy audit for businesses, real estate companies, and condominium property

May to August 2015 CRANFIELD GLOBAL CSP LAB – Research engineer – internship



- Develop an overall system design for a 300MWth solar tower power-plant
- Optimise heat loss and piping loss in a **fluid network**
- Analyse failure modes and effects (FMEA)

May to August 2014 HES-SO VALAIS-WALLIS - Engineering assistant in building science - internship



- Façades study for a new campus building at preliminary design stage
- Compute **energy consumption** for different room configurations
- Evaluate thermal comfort and sound absorption

May 2013 / April 2014 ENGINEERS FOR SUSTAINABLE DEVELOPMENT - President of the association



- **Multi project management** (20 projects) about sustainability
- Organise meetings, present a project to a public
- Design and implement new management project tools

June 2013 IDHELIO – Engineering student

- Patent technological review using EspaceNet international database

February 2013 MECALECTRO – Production worker – industrial internship

- Labor tasks in production and logistic area
- **Implement process improvement from design office to production line**

LANGUAGE AND SOFTWARE SKILLS

Language French : mother tongue ; English : fluent

Software Matlab, Simulink, Abaqus, Fluent, Comsol, Word, Excel, PowerPoint, ClimaWin

INTEREST / HOBBY

Leisure Rock'n'roll and salsa dancing, hiking, climbing

Travels United Kingdom, Switzerland, Germany, Spain