

Thibaut AUFFRET

Head of Product Development / Optronic Engineer



Product Development

Optronic Innovation

Project management

38 years old  
Driving License

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France

## Experiences

### Ingénieur Produit

WANCOM - April 2022 to December 2024

- ▶ Product Engineer
  - ▶ Hardware Technical Lead
  - ▶ Hardware Performance and Longevity Optimization
  - ▶ Technology Monitoring
- ▶ Hardware sales support
- ▶ Hardware purchasing function



### Head of Product Development

SEET Europole - Since June 2020 - Full-time - Ternay - France

- ▶ Product Development and Communication Service Management
- ▶ Studies, designs and realizations of new products
- ▶ Technology and competition watch



### LED and innovation project manager

Dietal - March 2017 to May 2020 - Full-time - Saint George de Mons - France

- ▶ Lighting, LED and optical engineer
- ▶ Luminaire development, new technology brick and connectivity project leader
- ▶ Projects, derivative products and after sales service support



### R&D engineer for innovative lighting product development

LED Engineering Development - June 2016 to June 2017 - Full-time - Montauban - France

- ▶ Design to production of high added values products
- ▶ Optronic, LED and lighting engineer
- ▶ Technical and metrology project manager



### Lighting and LED engineer

IAV - June 2012 to February 2016 - Full-time - Guyancourt - France

- ▶ Project management (Bulbs and LED)
- ▶ LED and lighting expert
- ▶ Technological watch and innovative studies proposal



### LED Engineer - Bertrandt for Renault

Bertrandt - Since August 2010 - Full-time - Bièvres - France

- ▶ LED and lighting support for Renault lighting department
- ▶ Optics, electronics and thermal support for the Lighting Department
- ▶ LED training



### LED Engineer - PSA Peugeot Citroën

PSA Peugeot Citroën - September 2007 to July 2010 - Apprenticeship - Vélizy - France

- ▶ LED specialist for Peugeot Citroën lighting department
- ▶ Optics, electronics and CO2 emissions support
- ▶ 13 proposals for patents



### BTS Project

CNRS - October 2005 to June 2006 - Student Project - Paris - France

Creating a system to detect movement of a drosophila fly



### BTS internship

CEA - May 2005 to July 2005 - Internship - Saclay - France

Study and use of photonic optical fibers



## Skills

### Hard skills and Soft skills

- ▶ Optronics ▶ Project Management ▶ Lighting ▶ Optics ▶ Electronics ▶ Thermal management ▶ CAO ▶ Line management ▶ Cross-functional management

### Other

- ▶ French: mother tongue ▶ Windows / Office ▶ English ▶ Basics in Deutsch ▶ First Aid certification

## Education

### Master's degree in Optronic Engineering

**Polytech Paris-Saclay**

September 2006 to July 2010

2007-2010: Apprentice at Polytech Paris-Saclay school with PSA Peugeot Citroën

2006-2007: Student at Polytech Paris-Saclay school

The apprenticeship-based engineering program offered by Polytech Paris-Saclay allows students to combine academic engineering training with professional experience.

Main modules consist of Optronics, Optics, Electronics, and Computer Science.

### BTS in Optic engineering

**Lycée Fresnel - Paris**

September 2004 to June 2006

### BAC of Science and Laboratory Technology with honors

**Lycée Marie Curie - Nogent Sur Oise**

September 2002 to June 2004

## Interests

### Today's science and technology

- ▶ IT (news on OS, Smartphones, tablets or computers)
- ▶ Discoveries in astronomy and biology

### Sports

Crossfit, Alpine skiing, Sailing, Sand kiting

### Other

Cooking, Cinema, Music