



Antoine FLEURY  
PRODUCT DESIGNER  
MECHANICAL ENGINEER  
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## Skills and competencies

10 years of experience in industrial and product design in a wide range of sectors: Motorcycle accessories / sport equipment / professional tools / softgood products / medical equipments / audio systems.

Skilled CAD 3D development and mechanical engineering, design researches by sketches, roughs and 2D vector illustrations, realistic rendering,

## Professional experience

### Freelance product designer & mechanical engineer

2009 - now

[www.antoinefleury.com](http://www.antoinefleury.com)

Main projects:

ARTENGO: tennis branch of Decathlon.

Developed products : Tennis rackets

Technical Environment : carbon fiber process and plastic injection process.

ORAO: optical branch of Decathlon.

Developed products : Sunglasses for mountain, cycling, water sports.

Technical Environment : plastic injection process.

AFparts & Kytronik: technical parts to improve the braking and ignition performances on vintage Vespa. Development and production of small series (1000/10000 parts)

Technical Environment : Industrialisation process Toleranced aluminium CNC machining and after treatments. Packaging plastic injection.

KOSO: tawainese manufacturer of motorcycle parts. Developed products : Indicators, speedometers.

Technical Environment : plastic injected process.

STAGE6: branch of the european online shop leader in scooters equipment, Scooter-Attack®.

Developed products : Grips, kickstarter, handelbar bracket, rim valve, fuel cap, racing cylinder, sparkplug box, suspension riser, caliper, engine covers.

Toleranced CNC machining, after treatment and plastic injection process.

PIO-PIO design agency:

Developed products : Stacking boxes & trash bins for groupe EDA.

Technical Environment : plastic injection process.

Groupe BALAS:

CAD 3D structural development of palaces domes at Jeddah and Riadh for the architecture Group Balas.

### Product designer for Oraq / Decathlon SA

2014

In charge of design and CAD 3D development of a range of magnifiers for Oraq, the optical branch of Decathlon. Work on identity, design language and declension of the design on the whole range.

Technical Environment : plastic injected process.

## Product designer / mechanical engineer for Créatio

March 2004 - Sept. 2010

In charge of CAD 3D development, concept researches, design and ergonomical researches, expertising mechanical, and graphic design for the french agency of product and graphic design, Créatio. Technical Environment : Industrialization, plastic injected parts, aluminium molded parts, thin sheet metal parts

Specification of mechanical elements, materials and textures.

Projects: FACOM, STANLEY, MrBRICOLAGE professional and personal tools, EILEO Id card reader for car rentals, ABRIS PLUS adjustable car shelter, STAGO automated blood analysers, DECATHLON, FOUGANZA ski helmets, ski chooses, ski boots, DUNLOPILLO, STANDARDGUM bedding and accessories, PRAT PARIS design of a briefcase, TELECOM DESIGN routeur, ethernet hub, VIA MICHELIN gps navigator, DEVIALET high end hifi audio system, CATU professional tools for electrical measures, LEGRAND domestic and industrial electrical equipment, MARECHAL industrial electric connectors, SAGEM home cinema projector, SIKA 3D & realistic illustrations for construction materials.

## Education

Postgraduate in Industrial Product Design & CAD (Honours) 2003  
DESS Création industrielle et CAO - University of Montpellier II - France

Master's degree in Mechanical Engineering (Specialization: Industrial Design) 2002  
IUP Génie Mécanique - University of Montpellier II - France

Bachelor's degree - Technician in Mechanics and Production 1999  
IUT Génie Mécanique of Toulon - France

Baccalaureate in Maths and Physics (A-Levels) 1997  
Lycée du golfe - France

## Computer skills

- CAD 3D modeling : SolidWorks (expert), Pro-Engineer, Rhino3D, Google sketchup
- Reverse engineering: Geomatic design
- Realistic rendering : Keyshot, Lumiscaphe Patchwork 3D
- 2D : Photoshop, Illustrator, Sketchbook Pro, CorelDraw
- Office automation: Word, Excel, PowerPoint
- Web: Dreamweaver (HTML / CSS)

## Language profile

French : mother tongue  
English : working ability  
Spanish : learning  
German : notions

## Personnal interests

At the end of 2010, volunteer teacher during 5 month in a bilingual school in Honduras (English / spanish) followed by a 1 year trip in central America, Mexico and United states.

Member of the Scootentole association for the organisation and promotion of Vespa's races.

Restoration of vintage italian scooters, competitor of the ESC and Scootentole racing championship for Vespa, travels, snowboard, tennis, music, cinema, new technologies, graphism.

Working on old home renovation, fabrication of welded glasswares and furnitures.