

MICKAËL PERRIER

Computer science, digital imaging and system simulation engineer

 CHAMBÉRY, FRANCE
 28 years old
 Driving licence
 <https://mickaelperrier.fr>

Programming languages -----

C++ ■ ■ ■ ■ □
Java ■ ■ ■ ■ □
Matlab ■ ■ ■ □ □

Librairies -----

Qt ■ ■ ■ ■ □
Graphviz ■ ■ ■ ■ □
Boost ■ ■ ■ □ □
OpenGL ■ ■ ■ □ □




Web -----

HTML/CSS ■ ■ ■ ■ □
WordPress ■ ■ ■ ■ □
MySQL ■ ■ ■ □ □

IDE -----

Visual Studio, Eclipse,
QtCreator

Foreign languages -----

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Interests -----



Experience

- Present** Freelancer, website creation: SKADI
- 2016** Development Engineer at Dalet. Implementing **audiovisual media content management software** (for TV channels or radios), using C++ language.
Israël, then United-Kingdom / 1 year
- 2015** Research & Development Engineer for BTC China. **Mobile multiplatform application** creation, using C#, .Net, Xamarin and Android technologies
Working from home / 3 months
- 2014** Research & Development Engineer at Netapsys. **Web applications:** JavaEE, Javascript, databases systems
Lyon then Paris, France/ 6 months
- 2013** Engineer at The CoSMo Company (Lyon, France). **GUI, and complex systems models data visualization methods** (graph layouts) development, best solution research, resources and dependences management, using **Qt, Boost and C++**
Lyon, France / Final year internship / 6 months
- 2012** Co-worker engineer on an **audio/video communication software** (C/C++), within a Chinese team (communication in English). at Wuhan University of Technology
Wuhan, China / Internship / 6 months
- 2009** **Computer graphics designer**, advertising medium creation
Nanchang, China / Internship / 3 months

Education / Degrees

- 2014** **Computer Science Engineer Master's Degree - Digital Imaging, Interaction, and Virtual Reality Major, and "International Career" Minor**
University of Technology of Belfort-Montbéliard, France
- 2010** **Multimedia & Digital Arts, Bachelor's Degree**
University of Marne-la-Vallée, France
- 2009** **Technology Degree (DUT) in Computer Science - Digital Imaging**
University of Clermont 1, Le Puy-en-Velay, France
- 2006** **National High-School Examination, Distinction**
Poisy High-school, France

Fields of competence

- **Audio /video encoding**
- **Graphical user interface** design and development
- **Digital Imaging** mathematics and splines
- **3D**
- **Image processing and analysis**, shapes recognition
- **Multi-agent systems**, simulations, complex systems
- Multimedia management
- **Operations research** and optimizing
- Computer system **architecture**
- Database system management

Projects → See my online portfolio for more details