Damien Firmenich

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Education

2011– **MS**, *EPFL, Lausanne*.
Major in Communication Systems, Specialization in signals and images

2007–2011 **BS**, *EPFL, Lausanne*.
Major in Communication Systems

Work

2012 **Engineering intern**, *Qualcomm*, Boston.
Research project on multispectral computer vision

Publications

2011 **Multispectral Interest Points for RGB-NIR Image Registration**, *EPFL*, IVRG (Images and Visual Representation Group), ICIP 2011.

Academic projects

2012 **Talking to the camera**, *EPFL*, IVRG (Images and Visual Representation Group).

2011 **Mapping of facial representations**, *EPFL*, LGG (Computer Graphics and Geometry Laboratory).

2011 **Multispectral Interest Points for RGB-NIR Image Registration**, *EPFL*, IVRG (Images and Visual Representation Group).

2010 **Real-time Water Rendering using Heightmaps**, *EPFL*, LGG (Computer Graphics and Geometry Laboratory).

Technical knowledge

Linux/Unix	Advanced knowledge
Windows	General knowledge
Python	Scientific, image processing, computer vision, web development, GUI, network, general programming
C	Scientific, system programming
C++	Computer graphics, machine learning, scientific
Matlab	Scientific, image processing, computer vision
Java	Network, GUI
Javascript, PHP	Web development

Languages

French	Native
English	Fluent

Interests

Lightfield photography, computational photography, computer graphics