

Jacques KAISER

Master Student

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23 years old



Graphics, Vision, Robotics, Web

Education

- 2014–2015 **Master 2 MoSIG**, *Ensimag & IM2AG*, Grenoble, France.
Graphics, Vision and Robotics
- 2012–2013 **Master 1 with Honours**, *Strasbourg University*, France.
Computer science and science of images
- 2009–2012 **BSc. of Computer Science with Honours**, *Strasbourg University*, France.
3rd year Erasmus in **Durham University**, England

Vocational Experiences

- Feb.–July 2014 **Full-Stack JavaScript Developer**, *Shwish*, Melbourne, Australia, shwish.com.
Shwish is a startup developing a collaborative gifting platform. The web app is based on a **MEAN stack** (MongoDB, Express, **Angular**, Node).
 - Facebook integration (authentication and friend invitation);
 - Design implementation in HTML5/CSS3;
 - Reusable UI components.
- June–Oct. 2013 **JavaScript/WebGL Developer**, *Skimlab*, Strasbourg, skimlab.com.
Skimlab is an innovative startup providing a simple 3D modeling tool from within the browser relying on **implicit surfaces** featuring 3D printer export.
 - Set of shaders simulating printable materials using environment mapping;
 - Render modes: point cloud, **raytracing** and CPU optimized with **HTML5 Web Worker**.
- Since 2012 **Individual tutor in mathematics for high school students**, *Complétude*.
- June–Aug. 2012 **Research intern C++/OpenGL**, *iCube*, Strasbourg.
Development of an application for deforming mesh on a virtual reality platform.
- June–Aug. 2011 **Research intern C++/OpenGL**, *iCube*, Strasbourg.
Implementation of a 3D cursor adapting to the environment in order to help the perception of depth in virtual reality applications.

Interests

Juggling Up to four balls
Ultimate Team play

Ukulele Easy access to the music world
Woofing Travel and discover new cultures