

Henri Aribert-Desjardins

Junior software engineer - C++

www.henriaribertdesjardins.com

hadhenri@gmail.com

+33 6 11 21 50 92

18 rue barnave, 38 000 Grenoble

French, 23

Education:

2012 - 2015 : Master degree in engineering : **Grenoble Institute of Technology - Phelma (France)**

Major SICOM : **Signal processing and IT**

Second Master degree : **Art, Science and Technology, Laboratory ACROE-ICA**

2010 - 2012 : Two-year intensive programme in preparation for the national competitive exam for entry to engineering schools.

Work experience:

02/2015 - 07/2015: **Software engineer - Eiosis / Slate Digital, Grenoble, France**

Project leader : « **Development of a GUI framework based on OpenGL** »

- Prototype of a multithreaded OpenGL rendering engine managing several contexts simultaneously
- Development of a cross-platform windowing system
- Implementation of a OpenGL 2D drawing framework

06/2014 - 08/2014: **Software engineer - Xils-Lab, Grenoble, France**

Project leader for the following tasks :

- Update of the owned graphic classes from VSTGUI 3.6 to 4.2
- Porting an audio plug-in product on iOS

Projects:

10/2015 : « **You and Lady Gouldian** », **interactive art installation**

- Using a Microsoft Kinect and a visual projection made with OpenGL
- Exhibited at the [AST 2015 festival](#) from the 14 to 21 - 11/2015

Since 03/2015: **Concept et réalisation d'un plug-in audio VST**

- Personnel project
- Modular synthesizer, modularity with plug-ins
- Development of a **Digital Signal Processing API** for audio synthesis and processing.

11/2014: **Human-machine interface project: « Augmented Fairs »**

- Application for interactive fairs
- Top-Down gesture recognition framework using a Kinect

Since 02/2013: **Missions of art works and graphic identities creation**

- Sound Of Spring Festival, Oxbern, Heimat, Foster & Goldstein...

For additional information: www.henriaribertdesjardins.com

Associative:

2008 - 2014: **Scouts and Guide from France**

- **2 humanitarian projects:**
 - Tamelsloht, Maroco 2010: building of a classroom
 - Takéo Province, Cambodia 2011: volunteer for the orphanage « OurFriendsOrphenage », construction of a vegetable garden
- Chaperoned youngsters (aging 14/17).

2014 - 2015: **Reg'Art**, development of the cultural identity of the city of Grenoble

- Amateurs artists works displayed in the urban space
- Design and website for the association. www.regart.org

Skills:

Programming :

C++, C, Objective-C, Java, Gsl

IDE :

Visual Studio, Xcode, Eclipse

Web:

HTML5, CSS3, JavaScript, jQuery

Infographics software :

Illustrator, Photoshop, InDesign

MAO software :

Bitwig, Ableton

Languages :

French, native
English, fluent
German, intermediate,
Special courses taken in high-school.

Interests:

Guitarist, bassist.
Volunteering at the concert hall: La Belle Electrique, Grenoble.