

WALID VAN BOETZELAER

Based in Geneva

January 7th, 1987
Swiss, Dutch, Egyptian

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*Fast and enthousiastic learner, self-critic and self-organized.
Interested in human computer interaction as it applies to interactive arts and cultural awareness of technologies, as well as in the rise of virtual platforms, exploring new types of human human interactions.*

SKILLS

IT	C++, Java, Matlab, PHP, mySQL, HTML/CSS/JS, Drupal, PureData, QuartzComposer, Apple Pro Suite, Adobe Creative Suite, more coming...
Languages	French and English bilingual, German (work proficient), Portuguese, Spanish (intermediate), Arabic (basic knowledge)

EDUCATION

École Polytechnique Fédérale de Lausanne, Lausanne:

2010-2013	Master in Computer Science. Focus on HCI, Image Processing and Networks. Grade: 4.95/6 Thesis completed at Garagecube, Geneva, involving mostly computer vision, architecture design, and algorithmics. Grade: 5.5/6
2005-2009	Bachelor of Physics (exchange year at <i>Humboldt-Universität zu Berlin</i> , Germany)

FREELANCE EXPERIENCE

since 2010	<i>the vbbros:</i> Conception, development and design of private and commercial websites (Drupal, ...)	Co-FOUNDER
2-5.2012	<i>Insanë, Dieu est un DJ, Geneva&Montréal:</i> Work in collaboration with the <i>Société des Arts Technologiques</i> de Montréal. Development of tools for a show presented at the Mapping festival(Geneva), exploring telepresence. One actor in Montréal, one in Geneva, connected in real-time. Developed the MIDI interface for video processing and manipulation and provided technical support (PureData, bash, c++, python, ...)	TECHNICAL SUPPORT AND DEVELOPER
7.2011	<i>Insanë, Le Labo-OFF, Avignon:</i> Technological development during the Avignon Theater Festival (sound, video, motion tracking, etc). The event consisted of 21 different shows, each produced from scratch in one day, to explore the coexistence of theater and technologies (Quartz Composer, openFrameworks, ...)	DIRECTOR OF TECHNOLOGIES
2005-2007	<i>Various, Geneva:</i> Filmed, edited, produced films for various occasions, such as the film of the Tchérémissinoff dance school performances, shorts, as well as music video	MOVIE PRODUCER

PROFESSIONAL EXPERIENCE

9.2012-4.2013	<i>Garagecube, Geneva:</i> Development of a radiometric compensation system, to be integrated to the madmapper framework. Provides mapping artists to work on a virtual white canvas (openCV, Cinder)	R&D INTERN
4.2010	<i>Irata.ch, Berlin:</i> Researched for an Android map and social network-based application	R&D INTERN
since 2010	<i>Département de l'Instruction Publique, Geneva:</i> Math, Physics and Computer Science in secondary and high school classes	SUBSTITUTE TEACHER
11.2009-2.2010, 6-7.2008	<i>Deutsche Bank PWM IT, Geneva:</i> Responsible for First line management of non-standard issues, systems and process improvements, and assisted in T24 banking system maintenance, coordinating system availability and version tracking	SYSTEMS AND RELEASE MANAGEMENT
2007, 2008	<i>Ecole Polytechnique Fédérale de Lausanne, Lausanne:</i> IT surveillance and maintenance at CRAFT Trained students for a general physics course	ASSISTANT