

Andrea Brambilla

Personal Information

name	Andrea Brambilla	birthdate	02 January 1985
mobile	+47 98686205	e-mail	andrea.bram@gmail.com
address	Kråkenestoppen 27, 5153 Bergen (Norway)	nationality	Italian

Experience

- Jan '15 - now **Sr. research engineer**, *GexCon AS*, (www.gexcon.com).
Development of a software system for risk assessment of offshore installations, based on the CFD simulator FLACS
- Jan '11 - Dec '14 **Research fellow**, *Univ. of Bergen*, Visualization group (www.ii.uib.no/vis).
Research activities on illustrative flow visualization
- Apr '14 - Jun '14 **Visiting researcher**, *Vienna Univ. of Technology (Wien, Austria)*, Computer Graphics group (www.cg.tuwien.ac.at).
Research on flow visualization for flood prevention
In collaboration with the Visdom team (www.visdom.at)
- Jan '10 - Nov '10 **Jr. consultant**, *Univ. degli Studi di Milano Bicocca (Milan, Italy)*, Imaging and Vision Lab (www.ivl.disco.unimib.it).
Software development for the analysis and synthesis of virtual facial expressions
- Oct '05 - Apr '09 **IT support**, *Univ. degli Studi di Milano Bicocca (Milan, Italy)*.
Part-time IT support at the computer labs of the university

Education

- Jan '11 - Dec '14 **Ph.D. in Computer Science**, *Univ. Bergen*, Visualization group (www.ii.uib.no/vis).
Thesis: *Visibility Oriented Visualization Design for Flow Illustration*.
Supervisors: Prof. Hauser H. (Univ. i Bergen), Prof. Viola I. (Technische Univ. Wien) and Prof. Andreassen Ø. (Forsvarets Forskningsinstitut).
- Nov '07 - Dec '09 **M.Sc. in Computer Science**, *Univ. degli Studi di Milano Bicocca (Milan, Italy)*.
Thesis: *A 3D facial animation framework*.
Supervisors: Prof. Schettini R. and Dr. Colombo A. (Univ. Milano Bicocca).
Final grade: 110 *cum laude* out of 110.
- Sep '04 - Oct '07 **B.Sc. in Computer Science**, *Univ. degli Studi di Milano Bicocca (Milan, Italy)*.
Thesis: *Face Morphing Algorithms for Images*.
Supervisors: Prof. Schettini R. and Dr. Cusano C. (Univ. Milano Bicocca).
Final grade: 110 *cum laude* out of 110.

Languages

Italian (native) – English (fluent) – Norwegian (basic)

Technical Background

programming	C/C++, Python, CUDA, GLSL, Java
tools and libs	JIRA, Jenkins, SVN/Git, Gitlab, CMake, Valgrind, Boost, Qt, OpenGL, OpenMP
areas of expertise	data visualization, computer graphics, image processing, agile methodologies, software architecture
os	Windows, Linux

Courses

Apr 2016	Recruitment techniques , <i>Held by Express Recruitment</i> , online.
Mar 2016	Workshop on UX design , <i>Held by MILES AS</i> , Bergen.
Feb 2015	FLACS-1 Training , <i>Held by GexCon AS</i> , Bergen.
Jan 2012	Winter school on continuum mechanics , <i>Held by SINTEF</i> , Geilo.

Teaching activities

Jan 2016	Introduction to ParaView , <i>SINTEF Winter school on scientific visualization</i> , Geilo.
Spring 2013	Graduate course on Visualization , <i>Univ. of Bergen</i> , Bergen.
Fall 2012	Graduate course on Computer Graphics , <i>Univ. of Bergen</i> , Bergen.
Spring 2012	Graduate course on Visualization , <i>Univ. of Bergen</i> , Bergen.

Additional Information

publications	List of publications attached.
other activities	Organizer for the <i>Visual Computing Forum</i> seminar series (www.ii.uib.no/vis/vcf), Univ. of Bergen, 2011 to 2014. Organizer for the ICT Research school 2013, Univ. of Bergen, Myrkdalen, 2013.