Christian Michael Schneider

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Education

2001 - 2006	MSc in Advanced Computer Science
	University of Neuchâtel (CH)	Århus University (DK)
	Thesis on Particle Systems at the Centre for Advanced Visualization and Interaction (CAVI), Århus (DK)
1996 - 2001	Aviation Training / Pilot Licence
	Swiss Air Force Pilot School
1995 - 2000	Primary- and Secondary School Teaching Diploma
	Teacher Training College, Thun (CH)

Employement

current year (2017) does not equal 2017 2015 - 2017	Institute for Multimedia Production IMP, University of Applied Sciences Chur (CH) Adjunct Lecturer
	Minor Course Information Visualisation | Realtime Visualisation of Brainwaves / Neurofeedback in collaboration with Department of Psychology, University of Zurich (CH)
	Advisor Bachelor Thesis
current year (2017) does not equal 2016 2012 - 2016	Statistics Office, City of Zurich (CH) Research Assistant | Data Visualisation Spezialist
	Responsible for the field "Data Visualisation" within the institution
	Innovation Officer
	Concept, specification and project managment in development of a visualisation library based on d3.js
	Project Lead, concept, design, realisation and coordination of an exhibition "Dada x Statistik"
	Design and implementation of a visualisation software for Population Scenarios
	Design and implementation of interactive Charts
current year (2017) does not equal 2011 2007 - 2011	Chair for Information Architecture, ETH Zurich (CH) Researcher and Teaching Assistant
	Research and teaching in the areas of Data Visualisation, Computational Design, Parametric Urban Design + Simulation, Projection Mapping.
current year (2017) does not equal 2007 2006 - 2007	Exile Films, Auckland (NZ) Computational Design Artist
	Created online content within an international branding campaign for MTV World (Music Television)
current year (2017) does not equal 2006 2006	Centre for Advanced Visualization and Interaction, Århus (DK) Demo Application Designer
	Designed and implemented an interactive drawing application for a 3D panorama screen.
current year (2017) does not equal 2004 2003 - 2004	Department of Plant Ecology, University of Neuchâtel (CH) Java Developer
	Developed a spatial simulation environment.

Teaching

2016	Workshop: Into The Mind II, HTW Chur (CH)
2015	Guest Lecture: «Urban Data Visualisation», University of Liechtenstein (LI)
	Workshop: «Into The Mind», University of Applied Sciences HTW Chur (CH)
2011	Workshop: Articulating Urban Complexities, ETH Zurich (CH)
	Workshop: Articulating Urban Complexities, Moscow (RU)
2010	Workshop: Projected Realities, ETH Zurich (CH)
	Summer School: Visualising and Simulating Future Cities, ETH Zurich (CH)
	Workshop: Articulating Urban Complexities, ETH Zurich (CH)
2009	Workshop: Visualize Urban Complexity, ETH Zurich (CH) Workshop: Materialize Information, ETH Zurich (CH) Summer School: Reconstruct The Future, ETH Zurich (CH)
2008	Lecture: Information Aesthetics, ETH Zurich (CH)
	Workshop: The Sensitive Tapestry, ETH Zurich (CH)
2007	Lecture: Computational Information Design, ETH Zurich (CH)
2005	Java Course, Digicomp Academy AG, Zurich (CH)

Conferences / Presentations

2017	Brain Hack Days, Zurich (CH) Bestform blablabla. Urban Data Patterns, Berne (CH)
2015	Schweizer Tage der öffentlichen Statistik: Interactive Visualisations with d3.js, Yverdon (CH)
2014	Schweizer Tage der öffentlichen Statistik: Dada x Statistik, Yverdon (CH)
2013	ewz Zürich (CH): Visualisierung Bevölkerungsszenarien
2011	Symposium on Simulation for Architecture and Urban Design (SimAUD), Boston (US)
	International Symposium on Electronic Art (ISEA), Istanbul (TR)
2010	Presentation: Data Visualization, Zurich Statistics Office (CH)
	Symposium on Future Cities, Xi'an (CN)
	Advances in Architectural Geometry, Vienna (AT)
	International Conference on Education and research in Computer Aided Architectural Design (eCAADe), Zurich (CH)
2009	Presentation: The Sensitive Tapestry, IV09, Barcelona (ES)

Exhibitions

2017	«Urban Data Patterns», Bestform & Design Award Berne (CH)
2013	«Dada x Statistik», Cabaret Voltaire, Zurich (CH)
2010	«Projected Realities», 3D Projection, Digital Art Weeks, Xi'an (CN)
	«Sensitive Tapestry», interactive facade projection, eCAADe, Zurich (CH)
2008	«line disease»>, 4 screen video installation, Monkey Town, New York (US)
	«Sensitive Tapestry», interactive facade projection, ETH Zurich (CH)
	«silq», video installation, Sonic Acts, Amsterdam (NL)
2007	«monk agents», generative painting, Progr, Berne (CH)

Miscellaneous

2016 - 2017	Project Grant, Design Foundation Berne (CH), for «Urban Data Patterns» (www.urbandatapatterns.ch)
	Steps To Leadership	Psychology of Vision (PoV) - Jeff Allen
2016	Data Science - From Data To Knowledge (postgrad. training), EPFL (CH)
2010 - 2013	Essence Training - Energy, Psychology and Spirituality - Kabir Jaffe
2011 - 2012	Group Leader Training (GLT), Kabir Jaffe
2011	Guest Critic, Computational Design Studio, Princeton University (US)
2007	Interview Designer Magazine, Singapore (SG)

Computer Skills

Operating Systems	Linux, Mac OS X, Windows, iOS, Android
Programming	C, C++, Java, Javascript, d3.js, Processing, Openframeworks, Smalltalk, Adobe Flex / AIR, Actionscript 3.0, HTML/XHTML, CSS, XML, PHP, MySQL, OpenGL, Cg, VBScript, Rhinoscript, VB .NET, C#

Languages

German: mother tongue   English: fluent   French: fluent

Interests

Kite Surfing, Travelling, Nature, Art, Psychology