Christian Michael Schneider

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02.05.1978 | Swiss and British nationalities
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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

2015 - 2017 Institute for Multimedia Production IMP, University of Applied Sciences Chur (CH)
Adjunct Lecturer

Minor Information Visualisation	Realtime Visualisation of Neuroscience Data	Neurofeedback

2012 - 2016 Statistics Office, City of Zurich
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

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.

2006 - 2007 Exile Films, Auckland (NZ)
Computational Design Artist

Created online content within an international branding campaign for MTV World (Music Television)

2006 Centre for Advanced Visualization and Interaction, Århus (DK)
Demo Application Designer

Designed and implemented an interactive drawing application for a 3D panorama screen.

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 II, 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	Bestform blabla, «Urban Data Patterns», Berne (CH)
2013	Dada x Statistik, Cabaret Voltaire, Zurich
2010	Digital Art Weeks Xi'an ecaade projection
2008	line disease, 4 screen video installation, at Monkey Town, New York City, USA
	Sensitive Tapestry, an interactive facade projection, at ETH Zurich, Switzerland
	silq, video installation, at Sonic Acts, Amsterdam, Netherlands
2007	monk agents, generative painting, at Progr, Berne, Switzerland

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