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

2015 - 2017	Institute for Multimedia Production IMP, University of Applied Sciences Chur (CH) Adjunct Lecturer
2012 - 2016	Statistics Office, City of Zurich Research Assistant | Data Visualisation Spezialist Introducing Interactive Datavisualisations for Web as Project Leader and Software Architect Collaboration / support of educational projects Assistance Project Leader, Concept, Design and Realisation for Exhibition Dada x Statistik Designed and Implemented a Visualisation Frontend for Bevölkerungsszenarien Stadt Zürich Designed and implemented static, dynamic and interactive Datavisualisations for Print and Web (add Project Managment somehow)
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: 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

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

2014	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

2014	Course support: Measuring Zurich, ZHDK
2012	Course Critic: Articulating Urban Complexities, ETH Zurich
2011	Course Critic: Computational Design Studio, Princeton University
2010	Digital Art Weeks Xi'an ecaade projection
2009	CD cover for the band Morphologue, parametric landscape design and digital fabrication
	Nettek, parametric chair design, Werkbund Designpreis @ EMBRU, collaboration with Hannes Zweifel Architekten, CH
2007	Interview in 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