



Christian Michael Schneider

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2 May 1978 | Swiss and British nationalities

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Education

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| 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) |

Employment

2021 -	<p>Data Anatomy GmbH (data-anatomy.io) Founder</p> <p>Design and development of interactive data visualizations and online reports</p> <p>Clients include Swiss government entities such as Canton of Bern (IIID Award 2023 for e-Bericht Gemeindefinanzen)</p> <p>Partnership with Hahn+Zimmermann GmbH (hahn-zimmermann.ch) for design-focused projects</p>
2017 - 2021	<p>Self-employed (christianschneider.ch) Data Visualisation, Visual Analytics, Consulting</p>
2015 - 2019	<p>University of Applied Sciences HTW Chur (CH), Institute for Multimedia Production IMP Adjunct Lecturer</p> <p>Teaching Data Visualisation and Generative Design</p> <p>Advisor Bachelor Thesis</p>
2012 - 2016	<p>Statistics Office, City of Zurich (CH) Scientific Collaborator Data Visualisation Specialist</p> <p>Responsible for the field «Data Visualisation»</p> <p>Concept, specification and project management in development of a data visualisation library.</p> <p>Project Lead, concept, design, realisation and coordination of an exhibition.</p> <p>Design and implementation of a visualisation software for population scenarios</p> <p>Design and implementation of interactive charts</p>
2007 - 2011	<p>ETH Zurich (CH), Chair for Information Architecture Researcher and Teaching Assistant</p> <p>Research and teaching in the areas of Data Visualisation, Computational Design, Parametric Urban Design + Simulation, Digital Fabrication and Projection Mapping</p>
2006 - 2007	<p>Exile Films, Auckland (NZ) Computational Design Artist</p> <p>Created online content within an international branding campaign for MTV World (Music Television)</p>
2006	<p>Centre for Advanced Visualization and Interaction, Århus (DK) Demo Application Designer</p> <p>Designed and implemented an interactive drawing application for a 3D panorama screen</p>

Teaching

2023 -	Lucerne University of Applied Sciences and Arts (HSLU), Master Design «Data Visualization with p5.js and D3.js», elective course
2020 -	Bern University of Applied Sciences (BFH) «Datenvisualisierung aus der Gestaltungsperspektive», module, CAS Datenanalyse «Wahltag D3.js», module, CAS Datenanalyse
2019 -	Bern Academy of the Arts (HKB) «Creative Coding», module, CAS Data Visualization Various modules, CAS Generative Data Design
2020 -	Lucerne University of Applied Sciences and Arts (HSLU), Data Design + Art «Think 1», workshop «Play 3», workshop «Think 4», workshop
2023	New Design University (NDU) «Creative Coding», elective course
2015 - 2019	HTW Chur (CH) «Into The Mind», workshop «Into The Mind II», workshop «Into The Mind III», workshop «Big Data Visualisation», workshop «Visualise The Invisible», workshop
2015	University of Liechtenstein (LI) «Urban Data Visualisation», guest lecture
2007 - 2011	ETH Zurich (CH) «Computational Information Design», workshop «Information Aesthetics», lecture «The Sensitive Tapestry», workshop «Visualise Urban Complexity», workshop «Materialise Information», workshop «Reconstruct The Future», summer school «Projected Realities», workshop «Visualising and Simulating Future Cities», summer school «Articulating Urban Complexities», workshop «Articulating Urban Complexities», workshop, Moscow (RU)
2005	Digicomp Academy AG, Zurich (CH) Java course

Conferences / Presentations

2018	TRI / TINNET Conference (DE)
2017	Brainhack Global Zurich (CH)
2015	«Zurich: dynamic - interaktive - attractive» at Swiss Statistics Meeting, Berne (CH)
2014	«Dada x Statistik» at Swiss Statistics Meeting, Yverdon (CH)
2011	«Components for Parametric Urban Design» at Symposium on Simulation for Architecture and Urban Design (SimAUD), Boston (US) «Responsive Illuminated Architecture» at International Symposium on Electronic Art (ISEA), Istanbul (TR)
2010	«Visualise Urban Complexity» at Statistics Office, Zurich (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	«The Sensitive Tapestry» at International Conference on Information Visualisation, Barcelona (ES)

Exhibitions

2019	«Subatomar» at HeK, Haus der elektronischen Künste, Basel (CH) «Carsharing – Karlsruhe» at ZKM, Center for Art and Media, Karlsruhe (DE)
2017	«Urban Data Patterns» at Bestform & Design Award Berne (CH)
2013	«Dada x Statistik» at Cabaret Voltaire, Zurich (CH)
2010	«Projected Realities», 3D Projection, at Digital Art Weeks, Xi'an (CN) «Sensitive Tapestry», interactive facade projection, at eCAADe, Zurich (CH)
2008	«line disease», 4 screen video installation, at Monkey Town, New York (US) «Sensitive Tapestry», interactive facade projection, at ETH Zurich (CH) «silq», video installation, at Sonic Acts, Amsterdam (NL)
2007	«monk agents», generative painting, at Progr, Berne (CH)

Miscellaneous

2017 - 2018	Steps To Leadership Psychology training programme by Jeff Allen
2016	Project Grant, Design Foundation Berne (CH), for «Urban Data Patterns» Data Science - From Data To Knowledge (postgrad. training), EPFL (CH)
2011 - 2012	Kitesurfing / Travelling, Cabarete (DR)
2011	Guest critic, Computational Design Studio, Princeton University (US)

Computer Skills

Operating Systems	macOS, Linux, Windows
Languages	Processing, Java, Python, C, C++, JavaScript, HTML/CSS, C#, VBScript, RhinoScript, Grasshopper, Bash
Libraries / Frameworks	D3.js, p5.js, Vue.js, openFrameworks, OpenGL
Development	Eclipse, Xcode, Visual Studio, LiClipse, GNU make, Git/GitHub, SVN
Other	Rhino 3D, OpenBCI, Firebase, Jekyll, Markdown, LaTeX, Node.js, XML, UML, JSON

Languages

German: mother tongue English: fluent French: fluent

Interests

Psychology, Kitesurfing, Skiing, Travelling, Nature, Piano