



CURRICULUM VITAE

Jonas Runberger, born 1969
Based in Stockholm

Architect, Researcher and Educator
M.Arch. SAR/MSA, Lic.Eng.

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MAIN INTERESTS

My work explores the potential of digital technology as means for innovation of digital design processes within architecture, in regards to digital design techniques, production, experiential effect and discourse. This is pursued through research, teaching and practice, with emphasis on aspects such as technology, design methodology as well as strategic development and design management.

CURRENT MAIN ENGAGEMENTS

Director of *Dsearch* digital design development **White Arkitekter**
Lecturer Diploma Studio 11 **KTH School of Architecture**
PhD Candidate **KTH ABE Project Communication**

RESEARCH & DEVELOPMENT

(SEE ALSO LECTURES AND PUBLICATIONS)

2011

Final seminar doctoral thesis, external reviewer
Marcelyn Gow, **Faculty SciARC**

Reframe, a series of parametric design studies within the PhD project Architectural Prototypes and *Dsearch*

2010

Moderator and advisor on symposium *Contemporary Practice, Beyond the Crisis*, **KTH School of Architecture**

Review board member at **Innovativ Kultur**

2008 – 2009

Facilitator of seminar series on digital design tools in practice with international guests and Swedish practitioners

2008

Research exchange with **AA School of Architecture**,
Diploma Unit 16, London

Awarded *Licentiate of Engineering* in Architecture at
KTH School of Architecture

PhD candidate at *Project Communication*, **KTH ITM**

In panel of *Prototypical Shelter*, event part of the *Space & Design Strategies Research* at the **Art University of Linz**

Final seminar licentiate thesis, external reviewer
Michael Speaks, Dean **Kentucky University**

Advanced seminar licentiate thesis, external reviewer
Fredrik Nilsson, director of development **White Architects**

2007

External reviewer for **Arkus** research project for practitioners

Research trip Los Angeles, aff. with **UCLA**, **SCI-Arc** and **GL Form**

Participant in the *SmartGeometry2007* workshop and conference at **Cooper Union** and the *Creative within Constrains* seminar at **Columbia University**, New York City

2006

Member of the *Online Group* of the *Space of Communication* project at the **Städelschule**, Frankfurt

External examiner for *MA Architecture & Digital Design Systems* at **London Metropolitan University** (2006-2008)

Advisor in development project on Industrial Office Building production for **SKANSKA Teknik** (with **SSARK**)

External advisor for validation of new MA programs on digital design and manufacture at **London Metropolitan University**

Bostäder byggda med volymelement i Sverige,
Report on volumetric housing, **Boverket** (at **SSARK**)

2005 – 2008

PhD candidate at the **KTH School of Architecture**

Research project *Prototype Development within Architecture*

2003 – 2011

Partner of **KRETS**, design based research collective

- *SplineGraft*, design project (2006)
- *PARCEL*, design project (2004 – 2005)
- *Prototypes for Performative Design*, public seminar (2003)
- *Info_liations / Ex_foliations*, **SIAL/RMIT**, Melbourne, visiting fellow and workshop leader, with **Servo** (2003)
- *Urbantoy's v.2*, Krets for **Servo** (2003)

2002

Annual conference, **Nordic Journal of Architectural Research**, *Islands for Architectural Research*, invited workshop leader of *Progressive Practice* workshop

TEACHING (SEE ALSO LECTURES AND PUBLICATIONS)

2010 – 2011

Architectures of Interdisciplinarity, 4+5th year design studio, **KTH School of Architecture**, tutor and co-coordinator

2010

Architectural Concepts, course in MA in Project Management, **KTH Project Communication**, coordinator and lecturer

Parametric Patterns, workshop facilitator, **VCU Qatar**, Doha

External jury member for Diploma reviews,
KTH School of Architecture

2008 – 2010

Unit Master, *Diploma Unit 16*, **Architectural Association (AA)**

2009

KTH ITM, *IT-management*, course coordinator

Facilitator *GenerativeComponents* workshop,
KTH ITM/SmartGeometry Group/Bentley Systems

2008

London Metropolitan University, *MA Architecture & Digital Design Systems*, invited critic

School of Architecture at Lunds Tekniska Högskola,
Invited diploma thesis critic and supervisor

2007

Tema Architects, Stockholm, commissioned educator in parametric design application *GenerativeComponents*

London Metropolitan University, *MA Architecture & Digital Design Systems*, invited critic

SCI-Arc, Los Angeles, *2GBX*, invited critic

Woodbury University, Los Angeles, invited critic

2006

The **Architectural Association** and **London Metropolitan University**, workshops in association with *Architecture Information and Informed Modularity* **KTH-A** design studios

2005

The **Architectural Association**, *Diploma Unit 16*, invited critic

2004

Columbia University, *Adv. Architecture Studio 6*, invited critic

2003

Info_liations / Ex_foliations, visiting fellow at **SIAL (RMIT)**, Melbourne, Australia

2000 – 2002

Communicative Spaces, 2nd, 3 separate courses,
tutor and coordinator, **KTH Media technology**, Stockholm

2001

Machinic Processes in Architectural Design, the **School of Architecture at ETHZ**, Zurich, assistant for Prof. Greg Lynn

2000 – 2011

KTH School of Architecture (KTH-A), Stockholm

- *Architectures of Interdisciplinarity*, diploma design studio 11 (2010 –)
- Visiting critic in 1st and 4th year (2009 – 2010)
- Diploma thesis supervisor (2006 – 2011)
- *Architecture Information* 4th year design studio (2006 – 2008)
- *Informed Modularity* 4th year design studio (2005 – 2006)
- *STHLM randzon*, 3rd year, Urban planning/design (2003 – 2004)
- *1st year crash course* (2003)
- *1st year*, assistant one semester (2003)
- *Project or Proposal*, open summer course (2002)
- *Urban Curating*, 4th year, *Hyperstructures* workshop (2001 – 2002)
- *Navigation Organisation Narrative (NON)*, 4th year (2001)
- *Hypersketch 1+2* (2000)

SELECTED LECTURES AND PUBLICATIONS

2011

Speculations and Strategies of Digital Design, lecture **Form/Design Center, Malmö***Reform 2*, presentation **Forum för Arkitektur, Stockholm***Digital Design Strategies*, lecture, White 60 year anniversaryPanel member at event *Closing the Material Gap – Behave!*, **Svensk Form/Bioinspired Forum***Parametric Design*, lecture, **Chalmers University of Technology***Parametric Strategies in Architecture*, lecture, **Strategisk Arkitektur**

2010

Cognitive Estrangement in Digital Design Practice, paper, **2010 ACSA West Central Fall Conference “Flip Your Field”***The Future Agency of Digital Design in Architecture*, article, **Conditions # 4***Digitala och fysiska prototyper*, lecture, **ÅWL Arkitekter***Digital and Physical Prototyping*, lecture, **VCU Qatar, Doha**

2009

Adaptive Ecologies, lecture, **Bioinspired Forum, Stockholm***Technology as Driver for Innovation*, lecture, **KTH-A***Adaptive Ecologies*, lecture, **Bioinspired Forum, Simrishamn***Future Exhibitions*, interview, **Swedish Traveling Exhibitions***Performative Design Environments*, presentation at the Architectural Machines symposium, **AA School of Architecture***Digital Fabrication*, seminar **KTH FIND, KTH ITM**

2008

Architectural Prototypes, lecture at the Artistic Research workshop, **Bauhaus-Universität Weimar***Parametric Design for Innovation*, lecture **White Architects, Stockholm***Realtime Editing*, column in journal **RUM 10/2008***Prototypes and Parametric Devices*, lecture, **KTH-A***Visualisering, simulering, prototyper och byggnadsinformatik inom arkitektur*, lecture, **University of Trollhättan**

2007

SplineGraft, feature article in **Pasajes Construcción, Spain***Operativ Representation och Digitala Tekniker*, lecture, **KTH-A***Architecture and Technology: Drivers for Innovation*, lecture at the **University of Jönköping***Design based research and the production of effect*, lecture, **Metropolis Lab, Copenhagen***Lagens Estetik*, article in journal **RUM 6/2007***Prototypes in Architectural Design*, lecture at **Mejan Labs***Architecture InFormation*, presentation at *the Creative within Constrains* seminar at **Columbia University, New York City**

2006

Establishing Spaces of Communication, lecture at the **Städelschule Online Group, Frankfurt***Volymelement i bostadsarkitekturen*, publication by **Arkus***Material Remediations: SplineGraft*, lecture at **Architectural Association, London***Medverkande Design*, contribution in **Skapande Människa** 10-year anniversary publication.*Architecture and Technology: Contemporary Phenomena*, lecture at the **University of Jönköping***Arkitektens roll i industriellt byggande*, lecture for **Swedish Association of Architects***SplineGraft* featured in **Swedish Arkitekten**, **German Form journal**, **Korean Space journal**, **Open House Exhibition Catalogue** and **Entry Paradise: New Worlds of Design***Fabriksbyggt*, interview in journal **RUM***Representation as Design Instrument*, lecture at **Visual Forum 2006, Gothenburg***Mjukvaran leder till framtiden*, article in **Arkitekten***Material Remediations*, lecture at **Architectural Association, London**, with Pablo Miranda*Bostäder byggda med volymelement*, report for **Boverket**, with SSARK

2005

Fabrication as Design Strategy and Operation, lecture *Design Amok* course, **Konstfack, Stockholm***Design-driven Research and Research-driven Design*, lecture 4th year, **Konstfack, Stockholm***Krets and PARCEL, 01.AKAD*, section edited*Remediation as operation and strategy within architectural design development*, paper, *Research Spaces* conference, **the Bartlett + the Slade, London***PARCEL – Developing Performative Prototypes in Architectural Design*, paper presented at the *Joining Forces* conference, **UIAH Helsinki***Streaming Architecture Projective Space*, presentation at *Space and Perception Symposium*, **Rixc, Riga, Latvia***Volumetric Housing Units*, lecture at **City Council** and the **Swedish Association of Architects***PARCEL*, presentation *Dorkbot_STHLM* seminar, **CRAC***PARCEL*, presentation *Design på Gång* seminar **Kulturhuset, Stockholm***Prototypes: Tools for Design and Innovation*, lecture **IT University, Stockholm***Inducing Uncertainty*, lecture, **Chalmers School of Architecture**

2004

Communicative Spaces, lecture **RMI Berghs School of Communication, Stockholm (2004-2005)***Performative Prototypes*, lecture 2nd year, **KTH-A**

2003

Protocols of Collaboration, article *RAM1 publication*, **CRAC***Prototypical Diagrams*, lecture, **KTH-A**

2002

Architectural Prototypes, article **Polytechnic Society of Gothenburg Yearbook 2002***Progressive Practice in Architecture*, peer-reviewed article in **Nordic Journal of Architectural Research**, with Fredric Benesch*Operative Representation*, annual lecture **KTH-A (2002-2005)**

2001

Probing the Conjectural, article **Trans Magazine**, Zurich, and lecture **KTH-A**, with Daniel Norell

Hyper:Sketch - Site specific media in architectural design, paper, **Architectural Research and IT**, Aarhus, with Tobi Schneider

EMPLOYMENT IN PRACTICE

2010 –

White Arkitekter

- IT-methodology leader and director of *Dsearch* digital design development
- Parametric coordination and development for *QR Hotel*, Stockholm, kv. *Koggen*, Malmö, *Serlachius Museum*, Finland (competition), *Forumtorget*, Uppsala (competition, 1st prize)
- Facilitator of *Digital Design Strategies workshop*, with White R&D
- *Digital Design Strategies*, a R&D project with support from ARQ
- Presentations at White Stockholm, Malmö, Halmstad and Uppsala

2007

Greg Lynn Form, participating architect, Los Angeles

2000 – 2010

Scheiwiller Svensson Arkitektkontor (SSARK)

- Director of *Research&Development* (2009 – 2010)
- Advisor for industrial development project for **Vägverket**
- Industrial system architect **SKANSKA Teknik**
- Director of digital development studio *ssark medialab* (2001 – 2010)
- Developer *Streaming Architecture Projective Space* (SAPS), with **Splintermind**
- Participating architect: *Vällingby* (2004), *Dramatiska Institutet* (2002 – 2003), *Konstfack* (2001 – 2002), *Kista Galleria* with student housing and multiplex cinema (2000 – 2002)
- Competitions: *Sturegallerian* (2003), kv. *Kölnan* (2002)

1999

Claes Kock interior design, digital specialist, Stockholm

1997 – 1999

Uhlen&Malm Arkitektkontor AB, intern, Stockholm

1996

Volvo Car Corporation, facilities, intern, Göteborg

1989 – 1993

Semcon Teknikinformation, Illustrator, Göteborg

COMMISSIONED DESIGN WORK

2009

Show Unit sign design, **Riksställningar**, Gotland

2008

Show Unit 2, **Riksställningar**, Gotland, re-design

2007

Advising architect in the *Spelar Roll* exhibition at **Forum för Levande Historia**, Stockholm

Gotland Arena Endrebacke Ideella förening, Gotland, Building Concept, with **YAJ Arkitekter** and **AKT Engineers**

2005

Vems Röst? Vilken Musik?, **Musikmuseet**, Stockholm, film production for exhibition

2000 – 2004

Commissioned by **Servo**

- *Urbantoy*s v.2, 2003, Krets for **Servo**
- *Lattice Archipelogics*, 2002
- *Urbantoy*s, 2000

2003

ReApproaching new Media 1 (RAM1), **CRAC** printed publication and web production

Show Unit, **Riksställningar**, Stockholm, design of mobile space for video art screening

1999

Hyperfolder, web production for printed publication

1995

Folder, co-founder of conceptual publication, Göteborg

1989 – 1996

Freelance airbrush illustrator

EXHIBITIONS

2011

Scholarship Exhibition, **The Royal Swedish Academy of Fine Arts**, Stockholm

2009

Bioinspired Forum, student work from AA DIP16, Simrishamn

2008

Fokus Kina / Show Unit, **Östasiatiska museet**, Stockholm

2007

Ben van Berkel and the Theatre of Immanence, featuring *SplineGraft*, exhibition at **Portikus**, Frankfurt

2006

Open House – Intelligent Living by Design, *SplineGraft*, traveling exhibition organized by **Vitra Design Stiftung**

AKAD at Lunds Konsthall, complete research of Krets

2005

Onedotzero_stockholm, **Moderna museet** *Urbantoy*s v.2, with Krets for **Servo**

2004

Art.Plattform, Stockholm, SAPS.02

with **ssark medialab** and **Splintermind**

Stockholm Arts+Science 2004, **PARCEL**,

with Krets in affiliation to **AKAD**

...without borders, t-shirt design exhibition part of Tokyo style, presented at **Konstfack**

2003

Reshape, *Iaspis* sideshow at **Venice Biennale 2003**, *Urbantoy*s v.2, with Krets for **Servo**

Show Unit, mobile video art space, **Riksställningar**

2002

Lattice Archipelogics, **Latent Utopias**, **Steirischer Herbst**, **Landesmuseum Joanneum**, Graz, for **Servo**

2000

Ung Svensk Form, Malmö-Stockholm-Göteborg-London, diploma thesis **KTH-A**, selected in competition

*Urbantoy*s, Crac, **Liljevalchs**, Stockholm, for **Servo**

Bigga Grejer, diploma show, **KTH-A**, **Museum of Architecture**, Stockholm, student exhibition

1999

Underjorden – Överjorden, **Museum of Architecture**, Stockholm, student exhibition

1998

Dynamo, on the generation of Spaces, **The Bartlett School of Architecture**, End of the Year Exhibition, student exhibition

1996

Folder, **Göteborgs museum**, Kultur nattas anniversary exhibition, organizer and participant

POP, **Fryshuset**, Göteborg, group exhibition

1994

Fin de Siecle, **Stora Teatern**, Göteborg, group exhibition

MEMBERSHIPS

2010 –

Referee reference group member **Innovativ Kultur**

2009 –

Board member **KTH FIND**

2008 –

Board member of **Stockholms Arkitektförening**, the local branch of **Swedish Association of Architects**Member of the editorial board for **Riksställningar** global perspectivesAffiliated member of **Urban Future Organization**Member of **Architectural Association**, London

2006 – 2007

Member of the *Online Group* of the *Space of Communication* project at the **Städelschule**, FrankfurtMember of the editorial board for journal **RUM**

2003 – 2008

Board member **Creative Room for Art and Computing (CRAC)**

1993 –

Member of **Swedish Association of Architects****GRANTS AND AWARDS**

2011

Forumtorget, Uppsala, competition 1st prize, White Arkitekter**ARQ stiftelsen för arkitekturforskning**, financial support for research on *Digital Design Strategies*

2008

Affiliate partner in *Architectural Operating Systems - Prototypes for Performative Design*, grant from **Swedish Research Council**Support from **Arkus** for publication on new tools and techniques in architecture (forthcoming)

2006

ARQ stiftelsen för arkitekturforskning, financial support for research trip to Los Angeles and New York**Helge Ax:son Johnsons stiftelse**, financial support for development of Krets project *SplineGraft*

2005

Skapande Människa, Scholarship for interdisciplinary work between art and science

2005 – 2009

LE Lundbergs stipendiestiftelse, 4-year research grant for the project *Prototype Development within Architecture*

2004

Bostäder byggda med volymelement i Sverige, grant **Byggekostnadsforum** (with SSARK)*Ulrika Rosencrantz stipendium*, **Konstakademien**, Stockholm

2003

Support from **Arkus** to study on student housing production in Sweden (SSARK)

2000

Outstanding Studio Teaching Award, **World Millenium Design Competition**, Seoul, Korea

1999

Ernst Hawermans stipendiefond**EDUCATION**

2008

Awarded *Licentiate of Engineering*, **KTH School of Architecture**, Stockholm*Pedagogy for architectural education*, course **Learning Lab**, KTH

2004

Awarded *Master of Architecture*, **KTH-A**, Stockholm

1998 – 2000

KTH-A, Electable studios, Stockholm

1997 – 1998

1993 – 1996

Year 1 - 3, **Chalmers School of Architecture (CTH)**, Gothenburg

1992 – 1993

History and Theory of Art and Architecture **University of Gothenburg**

1985 – 1989

Technical Gymnasium, EI/Tele, **Lars Kaggskolan**, Kalmar**MILITARY SERVICE**

1990 – 1991

Amfibiebataljon, Kustartilleriet, KA1 + KA2**LANGUAGE***Swedish* native*English* fluent*German* basic**COMPUTER SKILL**

Microstation, 3dstudio max, Maya, Rhinoceros, Grasshopper, GenerativeComponents, FormZ, Virtools, Photoshop, Illustrator, Image Ready, After Effects, Premiere, Encore, Captivate, InDesign, Pagemaker, Word, Dreamweaver, Flash, Html, CSS

OTHER

B-class Driver's license

References given on request