

Dan Wilcox

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Work History

2010-Present Researcher & Technical Assistant

[Studio for Creative Inquiry](#), Carnegie Mellon University; Pittsburgh, PA USA

2008-2010 Creative Engineer

[Ars Electronica Futurelab](#); Linz, Austria

2007 Electronics Assembly Technician

[TouchTable AB](#); Göteborg, Sweden

2003 04 05 06 High Adventure Director

Boy Scouts of America, [Camp Sequoyah](#); Delta, AL USA

Education

2010-2013 Master of Fine Arts (thesis ongoing)

[School of Art](#), Carnegie Mellon University; Pittsburgh, PA USA

2007 MS Art & Technology

Thesis: "[robotcowboy: A One-Man Band Musical Cyborg](#)"
Chalmers University of Technology; Göteborg, Sweden

2005 BS Computer Engineering

Iowa State University; Ames, IA USA

Selected Exhibitions & Performances

2014 (upcoming)

robotcowboy: Onward to Mars, New Hazlett Theater; Pittsburgh, PA USA

2013

robotcowboy, OnSite Digital Performance Festival; Taipei, Taiwan
Return of the Spirit of Molten Iron, [AlloyPGH](#); Pittsburgh/Rankin, PA USA

Basement Miracle MFA Exhibition, CMU Miller Gallery; Pittsburgh, PA USA

2012

Member of Crew 119, [Mars Desert Research Station](#); Hanksville, UT USA

[Cyborg Cabaret](#), New Hazlett Theater; Pittsburgh, PA USA

[Robot Rumble](#), Extra Fancy CMU MFA Exhibition; Pittsburgh, PA USA

Participant, [ArtHackDay](#), 319 Scholes; Brooklyn, NY USA

2011

[Venice Mouth](#); Pittsburgh, PA USA

Presenter, [Art & Code 3D](#); Pittsburgh, PA USA

robotcowboy, [Pure Data Convention](#); Weimar, Germany

[Balloon Project](#), Fresh Baked Goods CMU MFA Exhibition; Pittsburgh, PA USA

[High Speed Photo Booth](#), technical implementation, Wats:On Festival; Pittsburgh, PA

robotcowboy, [VIA Presents](#); Pittsburgh, PA USA

2010

[Kinect Titty Tracker](#); Pittsburgh, PA USA

robotcowboy, [Tactics & Practices Festival](#); Ljubljana, Slovenia

robotcowboy, [Mapping Festival](#); Geneva, Switzerland

2009

robotcowboy on the AEC Media Facade, [Ars Electronica Festival](#); Linz, Austria

robotcowboy performance & presentation, [New Media Meeting](#); Norrköping, Sweden

robotcowboy, [Altavox Electronic Music Festival](#); Venice, Italy

robotcowboy presentation, [Liwoli Linux FLOSS Hacklab](#); Linz, Austria

robotcowboy, [STRP Festival](#); Eindhoven, Netherlands

2008

robotcowboy, [STEIM Micro Music Jamboree 2](#); Amsterdam, Netherlands

[Open Frameworks Lab](#), Ars Electronica Festival; Linz, Austria

[soundMetal](#), [Interactivos? Double Take Exhibition](#), [Eyebeam](#); New York, NY USA

robotcowboy, [Signal+Noise Festival](#); Vancouver, Canada

robotcowboy on tour, [Consoles Afire Tour](#); USA

2007

robotcowboy, [Pure Data Conference](#); Montreal, Canada

robotcowboy, [Norberg Electronic Music Festival](#); Norberg, Sweden

robotcowboy, [Digital Art Weeks](#); Zurich, Switzerland

robotcowboy thesis presentation, Art & Tech Final Exhibition, 141an; Göteborg, Sweden

2006

[Praya Dubia](#) & [Photo Acoustic Plantae](#), Future Exhibition, [IT Ceum](#); Linköping, Sweden

[Our River of Crime Video Submission](#), The Residents Re-viewed, MOMA; NYC, USA

[Rhythm of the Night Video](#), Culture Night; Göteborg, Sweden

[Recharge](#), Art & Tech Spring Exhibition, 141an; Göteborg, Sweden

2005

[Random Movie Generator](#), Art & Tech Fall Exhibition, 141an; Göteborg, Sweden

[Rhythm of the Night](#) & [Golden](#), Public Performance; Göteborg, Sweden

Academic Positions

2010-Present Graduate Teaching Assistant

School of Art, Carnegie Mellon University; Pittsburgh, PA USA

2007 Interactive Installations, Graphics Programming Using Processing

C:Art:Media, Valand School of Fine Arts; Göteborg, Sweden

2006 Electronics Lab Teaching Assistant

Chalmers University of Technology; Göteborg, Sweden

Publications

2007 Poster: Experiments in Energy: 3 Technological Acts

Digital Art Weeks, ETH; Zurich, Switzerland

2007 Paper: robotcowboy

Mobile Music Workshop, STEIM; Amsterdam, Netherlands

Peer Review Participation

Papers

2011 Pure Data Conference, Bauhaus University; Weimar, Germany

2008 Mobile Music Workshop, STEIM; Amsterdam, Netherlands

Residencies

2013 Studio for Creative Inquiry, Carnegie Mellon University; Pittsburgh, PA USA

2012 Member of Crew 119, [Mars Desert Research Station](#); Hanksville, UT USA

2010 Studio for Electro-Instrumental Music (STEIM); Amsterdam, Netherlands

2007 Studio for Electro-Instrumental Music (STEIM); Amsterdam, Netherlands

Skills

C/C++, Obj-C/Cocoa, OpenGL, Pure Data, Arduino, Processing, Assembly, Java, PHP, Python, VHDL, Latex, Unix/Linux

Graphics programming and large scale distributed multi-screen graphics applications

PCB, Embedded, and Computer Hardware Design and Implementation

Audio Recording and Live Engineering

Live performance and the performing arts with various bands and music projects

Ability to develop, learn, and apply new concepts quickly

Eagle Scout

German language, level B1

References

[Golan Levin](#), Assistant Professor of Art

School of Art, Carnegie Mellon University; Pittsburgh, PA USA &

Director of the [CMU Studio for Creative Inquiry](#)

golan@andrew.cmu.edu

Horst Hörtner, Director

Ars Electronica Futurelab; Linz, Austria

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