



# Dan Wilcox

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## PERSONAL INFORMATION

Born 12/03/1981 in Orange, California, United States

## WORK HISTORY

- Aug 08 – Present  
Creative Engineer  
Ars Electronica Futurelab, Linz, Austria
- Jul 07 – Dec 07  
Electronics Assembly Technician  
TouchTable AB, Göteborg, Sweden
- Jun 06 – Jul 06, Jun 05 – Jul 05, May 04 – Jul 04, May 03 – Jul 03  
Rock Climbing / High Adventure Program Instructor and Director  
Boy Scouts of America, Camp Sequoyah, Delta, AL, USA

## ACADEMIC POSITIONS

- Sep 07 – Dec 07  
Interactive Installations Course  
C:Art:Media, Valand School of Art, Göteborg, SE
- Jan 07 – May 07  
Graphics Programming Course using Processing  
C:Art:Media, Valand School of Art, Göteborg, SE
- Jan 06 – May 06  
Electronics Lab Teaching Assistant  
IT University / Chalmers, Göteborg, SE

## PUBLICATIONS

- Jul 07, Digital Art Weeks, Zurich, CH  
Poster: "Experiments in Energy: 3 Technological Ritual Acts"
- May 07, Mobile Music Workshop, Amsterdam, NL  
Paper: "robotcowboy"

## RESEARCH AND TRAINING

- Oct 07  
2 Week Artistic Residency  
Studio for Electro-Instrumental Music (STEIM) , Amsterdam, NL

## EDUCATION

- M.S. Art & Technology, Se 07  
Thesis: "robotcowboy: A One-Man Band Musical Cyborg"  
IT University / Chalmers, Göteborg, SE
- B.S. Computer Engineering, May 05  
Iowa State University, Ames, Iowa, USA

## EXHIBITIONS AND PERFORMANCES

- Sep 7 09, Ars Electronica Festival 2009, Linz, AT  
Performed using the robotcowboy music system and the AEC Media Facade
- May 28-31 09, New Media Meeting, Norrköping, SE  
Invited to present and perform
- May 16 09, Altavox Electronic Music Festival, Venice, IT  
Invited to perform using the robotcowboy music system
- Apr 25 09, Liwoli Linux FLOSS Hacklab 09, Linz, AT  
Presented the robotcowboy project
- Apr 04 09, STRP Festival, Eindhoven, NL  
Performed using the robotcowboy music system
- Dec 11 09, STEIM Micro Music Jamboree 2, Amsterdam, NL  
Performed using the robotcowboy music system
- Sep 02-09 08, OF Lab, Ars Electronica Festival, Linz, AT  
OpenFrameworks Lab: Simple projects from visitor ideas
- Jul 12–Aug 09 08, Double Take Exhibition, NYC, US  
The soundMetal project, Eyebeam Interactivos?
- Apr 19 08, Signal+Noise Festival, Vancouver, CA  
Performed using the robotcowboy music system
- Jan-Feb 08, Consoles Afire Tour, US  
robotcowboy went on the road for a 2 month tour
- Aug 21 07, Pure Data Conference 07, Montreal, CA  
Performed using the robotcowboy music system
- Jul 29 07, Norberg Electronic Music Festival, Norberg, SE  
Performed using the robotcowboy music system
- Jul 11 07, Digital Art Weeks, Zurich, CH  
Performed using the robotcowboy music system
- Dec 09 06 – Feb 07, Future Exhibition, IT Ceum, Linköping, SE  
Installations: “praya dubia v.01” and “photo acoustic plantae”
- Oct 19-22 06, The Residents Re-viewed, MOMA, NYC, US  
Video: “Our Residents 'River of Crime' Video Submission”
- Oct 07 06, Culture Night, Göteborg, SE  
Video Exhibition: “Rhythm of the Night”
- Art and Tech Spring Exhibition, June 2006, Göteborg, SE  
Performance/Installation: “recharge”
- Art and Tech Fall Exhibition, Dec 2005, Göteborg, SE  
Installation: “Random Movie Generator”

## SKILLS

- Nov 10-11 05, Public Performance, Göteborg, SE  
Public Intervention: "Rhythm of the Night" and "Golden"
- C/C++, OpenGL, Pure Data, Arduino, Processing, Assembly, Java, PHP, Python, VHDL, Latex, Unix/Linux
- Graphics programming and large scale distributed multi-screen graphics applications
- PCB and Electronics Hardware Design and Implementation
- Audio recording and live engineering
- Live performance and the performing arts with various bands and music projects
- Hacking and re-purposing obsolete computer hardware
- Motivated to learn, self-taught
- Ability to develop, learn, and apply new concepts quickly
- Eagle Scout

## REFERENCES

- Horst Hörtner  
Director, Ars Electronica Futurelab, Linz, AT <horst.hoertner@aec.at>
- Arne Kjell Vikhag  
Program Manager, C:Art:Media  
Valand School of Fine Arts | IT-University of Göteborg, SE  
<akvik@valand.gu.se>