

Andrew Quitmeyer, PhD

Digital Design and Adventure

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Education

Georgia Institute of Technology

2009 -
2015

Ph.D. *Digital Media* - "Digital Naturalism"
M.S. *Digital Media* (Best Project Award)

My "Digital Naturalism" research investigates physical computing for biological field research. I developed techniques and tools to help scientists in rainforest expeditions interact with and explore animals and environments.

University of Illinois Urbana-Champaign

2004 -
2008

B.S. *Industrial Engineering* [Highest Honors]
B.A. *Film Theory and Production* [Campus Honors]

Studied engineering, problem solving, experimental media, and interactive performance.

Research

Selected Publications

- Quitmeyer, Perner-Wilson. "Portable Studio Practice." *Proceedings of the 2015 ACM International Joint Conference on Pervasive and Ubiquitous Computing - Wear and Tear Workshop*. ACM, 2015.
- Quitmeyer. "Digital Naturalism: Designing Holistic Ethological Interaction." *CHI'14 Extended Abstracts on Human Factors in Computing Systems*. (2014)
- Nitsche, Quitmeyer, et al. "Teaching Digital Craft." *alt.chi - CHI '14 Human Factors in Computing Systems*. (2014)
- Quitmeyer, Nitsche. "Mark Your Territory: Bridging Ownership between Real and Digital Spaces," *Cybernetics - Leonardo Electronic Almanac*. (2014)
- Quitmeyer, Nitsche, Ansari. "Media in Performance – The Subway Project," *International Journal of Art and Technology (IJART)*. (2014)
- Mazalek, Nitsche, Chandrasekharan, Welsh, Clifton, Quitmeyer, Peer, Kirschner. "Recognizing Your Self in Virtual Avatars," *IJART*. (2013)
- Yang, Quitmeyer, Hrolenok, et al. "Ant Hunt: Towards a Validated Model of Live Ant Hunting Behavior," *Florida Artificial Intelligence Research Society*. (2012)
- Mazalek, Nitsche, et al. "Recognizing Self in Puppet Controlled Virtual Avatars," in: *Fun and Games* (Sept 15-16, Leuven, BEL) New York, ACM, 66-73. (2010)

Exhibitions / Talks

- Perner-Wilson, Quitmeyer. "Wearable Studio Practice," *Ars Electronica*. (2015)
- Quitmeyer, Nitsche, Perner-Wilson. "Making and Doing" *Society for Social Studies of Science*. (2015)
- Quitmeyer. "Digital Naturalism." *San Diego Zoo Invited Talk* (2015)
- Quitmeyer. "Modular, low-cost Arboreal Ant (*Azteca alfari*) Tracking Sensor Development in Panama." *Entomological Society of America*. (2014)

- Quitmeyer, Clifton, Durkin. "Open Source Sex Toys," *Arse Elektronika*. (2014)
- Quitmeyer, Ansari, Nitsche. "Subway: Preview and Process," *Activist Technology Demo Day – Eyebeam*. (2012)

Work

US State Department - Zero1

2015-
2016

Art Ambassador

Selected as the Art Ambassador to the Philippines. Teaming up with youth, underserved populations, and scientists to explore local crafts and ecosystems with new media art.

Comingle

2013-
Present

Founder / Designer

Founded world reknown Open-Source Sex Technology Company. Developing platforms for customizable user interactions. Leading the lawsuit against a historic patent troll case.

Smithsonian Tropical Research Institute

2013-
2014

Smithsonian Fellow

Named a fellow in 2013, I taught cybiotic interaction design and digital biocrafting workshops to scientists living in the Panamanian Rainforest.

Georgia Tech - "Principles of Interaction Design"

2013-
2014

Instructor

Designed and taught my own class for Computational Media Undergraduates. It focuses on physical computing, situated performance, and biological interfaces.

Skills

- Working fluency in **Spanish, Mandarin Chinese, and French.**
- Field Experience: **Navigating, Manual Transmission Backcountry Driving, Zoological Collecting and Tagging, Vaccine Spectrum** (including Rabies).
- Versatile programming background: **C++, Java, Arduino, Android, PHP, HTML5, CSS3, Javascript, Python, Linux, After Effects Scripting, QBasic.**
- Extensive training in physical/digital design and prototyping tools, particularly: **Adobe's Creative Suite, CNC, CAD, Laser Cutting, Milling, 3D Printing.**

Honors

Awards

- Georgia Tech: Legacy Award (2013), Best Poster (2013), Foley Scholar. (2014), Presidential Fellowship (2011-2015), Full Fellowship (2015).
- Comingle: Prixx Arse (Arse Elektronika 2014), Best of Atlanta (Creative Loafing 2015)
- Smithsonian Tropical Research Institute Fellowship. (2013, 2014)
- Instructables Design Contests: numerous first and grand prizes. (2013-2015)
- Digital Atlanta Artist Award for Subway project. (2013)