

CURRICULUM VITAE: Sarah Grant

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Birthdate: 23.03.1978

Nationality: USA

EDUCATION

2006 – 2008 Masters of Professional Studies in Interaction Design
NYU Tisch School of the Arts

1995 – 2000 BA in Studio Art, minor in Russian Language
University of California, Davis

SELECTED WORK HISTORY

04/20 – current **Kunsthochschule Kassel, Kassel, DE**
Visiting Professor of New Media

As the Visiting Professor of New Media in Kassel, I lead students through lectures on media and communications theory, hands-on technical training workshops in the topic of computer networking and telecommunications, and studio practice in which they will be encouraged to build their own experimental networking infrastructure.

04/01 – 15/01/21 **NYU IMA Low Res Graduate Program, Berlin, DE**
Radical Networks
Guest Lecturer

I designed and taught a two-week course called Radical Networks, created especially for the IMA Low Res graduate students. This course critically engages with the communication and networking technologies we readily use for ourselves and our communities. Questions around the control of data, software, hardware and infrastructure will be tied to larger themes of access, power, resilience and sustainability. An ethos of artistry and activism is infused throughout the course as students experiment with peer-to-peer networks and DIY methodologies.

06/16 – current **Cosmic.Berlin, Berlin, DE + New York, NY**
<https://cosmic.berlin/>

Founder /Technical Director

Cosmic.berlin was founded in 2016 as a research and development studio between myself and Danja Vasiliev with a focus on custom networked systems, full-stack web development, sysadmin and devops.

2013 – 2016

NYU Polytechnic, *New York, NY*
Adjunct Professor

As Adjunct Professor for the Integrated Digital Media Program I taught undergraduate students web design and development.

Course list:

Web Studio I Fall'15
Web Studio III Summer'14
Web Studio I Spring'13

10/15– current

Radical Networks, *Berlin, DE + New York, NY*
<https://www.radicalnetworks.org>
Founder

Radical Networks is an annual conference that promotes artistic, grassroots activist, and experimental work in telecommunications, including the internet and world wide web. The event features speakers, workshops, meet-ups, and an exhibition.

RESIDENCIES / FELLOWSHIPS

04/21

Weizenbaum-Institut, *Berlin, DE*
Digital Research Fellow, Futura Trōpica

Myself and collaborator Juan Pablo Garcia Sossa were awarded a 3-month fellowship to continue the development of Futura Trōpica, an intertropical decentralized network of grass-root local networks for lateral exchange of local resources and other forms of Knowledges, Designs and Technologies. It plays with the narrative of the Wood Wide Web and the way trees are interconnected, communicate to each other and redistribute nutrients with the help of fungi as mycellium. It uses the InterPlanetary File System (IPFS) protocol to connect rhizomes in Bogotá, Kinshasa and Bengaluru.

- 04/20 **Eyebeam, New York, NY**
Rapid Response Fellow, Digital Prepper Toolkit
- Myself and collaborator Rosa Menkman were awarded a 3-month fellowship for concept development and research as required for the development of a Digital Prepper Toolkit, a set of tools that promotes self-reliance and therefore self-authority and less dependence over top down, imposed platforms. The toolkit is an emergency first aid kit for dealing with times when online access is compromised, providing at minimum local connectivity over ideally peer-to-peer connections and including applications for staying in communication and sharing information.
- 12/19 **Ljudmila Lab, Ljubljana, Slovenia**
Artist-in-Residence, LANscapes
- Over the course of one month, myself and Danja Vasiliev initiated research for our LANscapes project. During our time at Ljudmila, we studied approaches to antenna design inspired by natural forms found in the landscapes surrounding Ljubljana.
- 05/19 **Critical Media Lab, Basel, Switzerland**
Artist-in-Residence / Modeling Utopia with Slime Mould
- Experiments with *Physarum polycephalum*, slime mould, modeling different communal living topologies to study how resources might be shared within a community.
- 03/17 **National University of Singapore, Singapore**
Artist-in-Residence
- During a 3-week period, I served as a mentor for students in the media design department. The residency culminated with an artist talk and running a student workshop on how to build your own autonomous networks.
- 08/16 **Stadtwerkstatt, Linz, Austria**
Artist-in-Residence, QFM
- This residency was served aboard the Eleonorein Linz, Austria, as part of Stadtwerkstatt's Sink or Swim Residency. While there I developed a mini-FM radio network called QFM with my partner Daniil Vasiliev.
- 06/16–06/17 **Eyebeam, New York, NY**
Impact Resident, Radical Networks

I was awarded the title Impact Artist-in-Residence at Eyebeam for my ongoing contributions to the media art world through the organization of Radical Networks. Radical Networks is an annual arts festival and conference focused on the critical study of the World Wide Web and the creative exploration of Internet and computer networking technology.

07/15 – 07/16

Tow-Knight Center for Entrepreneurial Journalism

Columbia University, New York, NY

<http://www.towcenter.org>

Research Fellow

As a Research Fellow, I was the project lead for You Are Here, an experiment in digital journalism. Our team developed devices consisting of a Raspberry Pi configured as a portable web server and wireless access point for anonymously capturing public opinion in NYC public spaces.

11/12 – 03/13

Eyebeam, *New York, NY*

<https://eyebeam.org/people/sarah-grant>

Artist-in-Residence, Subnodes

While an Artist-in-Residence at Eyebeam, I developed Subnodes (<http://www.subnodes.org>), designed to demystify wireless and mesh networking technology for non-technical people.

WORKSHOPS

02/20

Kunsthochschule Kassel, *Kassel, DE*

Experimental Signal Processing with Slime Moulds

06/19

London College of Communication, *London, UK*

Plant-to-Plant Protocols

03/19

Aksioma, *Ljubljana, Slovenia*

Surveillance Override with Joana Moll

09/18

Critical Engineering Summer Intensives, *Berlin, DE*

Intro to Biocomputing with Slime Moulds with Bengt Sjolen

08/18

Critical Engineering Summer Intensives, *Berlin, DE*

Surveillance Override with Joana Moll

- 11/17 **St. Luc, Brussels, Belgium**
Mesh Networking on the Raspberry Pi
- 10/17 **Hangar.org, Barcelona, Spain**
Self-Hosting on the Raspberry Pi
- 08/17 **Critical Engineering Summer Intensives, Berlin, DE**
Introduction to Offline and Mesh Networking
- 03/17 **National University of Singapore, Singapore**
Autonomous Networking Workshop with Danja Vasiliev
- 05/15 **Athens Digital Arts Festival, Athens, Greece**
Subnodes / DIY offline and mesh networking
- 02/15 **Transmediale, Berlin, DE**
Subnodes / DIY offline and mesh networking

TALKS

- 11/20 **NYU IMA Low Res Graduate Program, NYC, NY**
Guest Lecturer, "Towards Technological Sovereignty"
- 02/20 **Glasgow School of Art, Glasgow, Scotland**
Guest Lecturer, "Radical Networks"
- 03/19 **Aksioma, Ljubljana, Slovenia**
Speaker, "Radical Networks"
- 11/19 **AI Traps, Disruption Network Lab, Berlin, DE**
"Injustice and Disenfranchisement on the Internet"
- 04/19 **Ways of Connecting, iMAL, Brussels, Belgium**
Moderator
- 12/17 **Chaos Computer Congress34c3, Hamburg, DE**
Speaker, "Visceral Systems"
- 11/17 **St. Luc, Brussels, Belgium**
Speaker, "Visceral Systems"
- 03/17 **Zero Day Symposium, National University of Singapore**
Speaker, "Cracking the Black Box"
- 04/16 **Tribeca Film Festival, New York, NY**
HACKED by DEF CON and Mr. Robot Panel Participant

02/16 **Transmediale, Berlin, DE**
Panel Discussion on offline/mesh networks

02/15 **Transmediale, Berlin, DE**
Panel Discussion

CURATORIAL

02/20 **Guest Curator for SYSTEMS exhibition**
Science Gallery Dublin / Trinity College, *Dublin, Ireland*

PUBLICATIONS

05/20 **Chapter:A Brief Introduction to E-textile Interfaces**
Handmade Electronic Music 3rd Edition, due May 2020