

Doris Schioberg

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Profile

- **Education advocate** with a passion for making education available to everyone. **Co-Founder and COO** of [Mooqita](#), a project to connect people from all backgrounds with higher education and their future employers.
- **Computer networking PhD** on [privacy aware online social networks](#).
- **Formal teaching and course design qualification** with over 100 hours of classes and practical training. Please see my [Teaching Statement](#).
- Technical educator with years of practical **experience in managing education events**, ranging from 15 to 200 participants. Topics covered are **computer networking and network security** for academic, technical, and non-technical audiences. Lead design, writing, and technical review for the interactive online tutorial [try.bro.org](#).

Skills

Project Planning and Management, Budget and Time Management, Community Outreach, Communication, [Education and Teaching](#), Open Source Project Management, Network Monitoring (Bro IDS), Scripting (Shell, Bro, Python), Data Analysis, Git/GitHub, Docker, Markup Languages, R/Spluse/Gnuplot, Collaboration Tools (Jira, Confluence, G-Suite, etc), Graphic Tools (Omnigraffle, Dia), Office Suites (MS, OpenOffice).

Experience

UC Berkeley, Lecturer, Fall 2017

Teaching techniques for computer Science

Mooqita, COO, Co-founder, February 2017 - now

- Foundation of the hybrid social company Mooqita, business strategy and planning.
- Project Management, administration, fundraising.
- In 2017 we have finished a pilot test project in collaboration with UC Berkeley and CrowdBotics, bringing four learners from different countries in job interviews. Currently looking for funding.

The [Bro Project](#) at [ICSI Berkeley](#), Outreach, Training, and Education Coordinator,

Technical Writer, 2014-2016

- Coordinated and organized Bro events, audiences ranging from 25 to up to 150 participants with wide ranges of skills and diverse backgrounds, e.g. March, 2016, [Bro4Pros 2016](#), size limited one day event for advanced users with 9 presentations and demos. I created the event, organized the venue, found sponsors to cover all costs, organized speaker selection, coordinated agenda, managed event on site.
- Project manager and lead of the [Bro Teaching Community](#), started to consult and connect teachers, professors, and tech leads to teach Bro or use it for security and network analysis classes and trainings.
- Developed technical documentation and manuals for software developers, system operators, and Bro users.
- Developed the interactive online tutorial [try.bro.org](#).

Programming Languages: BroScript, Python, R, C++, markup languages.

Tools: Git/github, Jira, Docker, Confluence, graphic tools, and others.

Technische Universität Berlin, PhD Student, full time Research Assistant, and Teaching Assistant at [T-Labs](#) in the Internet Architectures group, 2009-2013.

- Architecture, implementation, and analysis of a P2P-based social network prototype.
- Capture and analysis of the almost full Google+ user graphs over the course of six weeks showing the transition from closed Beta to Public Release. Deep exploration of privacy limits in social applications.
- Teaching:
 - 2011-2012 Supervision of Master Thesis, Aldin Slijivar "Computing and analyzing k-cores in Google+".
 - Winter 11/12 Network Protocols and Architectures, lecture with >60 students, taught one tutorial group, development of written exam.
 - Winter 09/10 Seminar Internet Security, intense seminar limited to 15 students, lead teacher.
 - Winter 09/10 Network Protocols and Architectures, lecture with >60 students, lead teacher for tutoring groups, developed tutorial classes with modern teaching methods, taught one group.
 - Summer 2009 Seminar Internet Routing, intense seminar limited to 15 students, lead teacher.

Thesis: [From Online Social Network usage to the design of Distributed Online Social Networks](#)

Grade: Magna Cum Laude

Software Engineering, R, Perl, Python, Shell scripting.

Deutsche Telekom Laboratories, Berlin, 2006-2009

Network Architectures group, Mesh Project group at [T-Labs](#). Assisting researcher, admin for embedded systems.

C5 Solutions, Munich, 2005-2006

System and web administration.

Softlab GmbH, Munich 2003-2004

System and data analysis.

HighwayOne Germany GmbH, Munich, 2001-2002

System, data, and process analysis.

Education

Dr. rer. nat. (equiv. **PhD**) in Computer Networks,

Technische Universität Berlin, 2013

Thesis: [From Online Social Network usage to the design of Distributed Online Social Networks](#)

Grade: "very good", Magna Cum Laude

Advisor: [Anja Feldmann](#).

Dipl.-Inf. (equiv. **M.Sc.**) in Computer Science,

Technische Universität Berlin, 2008

Grade: 1.2 (with distinction)

Minor: Applied Historical Sciences.

Certificates and Awards

- Global Project Management, 2012, TU Berlin with ESF. Conflict Management, 2012, TU Berlin.
- Science Advancement Award 2009: Given by "Gesellschaft für Datenschutz und Datensicherung e.V." (German Society for Data Privacy and Data Security) for Master Thesis "A Peer-to-Peer infrastructure for Social Networks".
- Over 100 hours formal teaching [qualification](#).