

Niko Para

Is a **full-stack** programmer, **innovation** manager, and senior technical **consultant** with years of experience in **functional** programming, data architecture, the web, and interactive interfaces. He has worked with or helped start a variety of organisations — human rights nonprofits, news outlets, agencies and startups.

Berlin, DE
Boston, USA
niko.io
work@niko.io
github/nikonikoniko

Work Experience

Security Force Monitor

Senior Technical Consultant
Columbia University, NY, USA
9.2022 →
securityforcemonitor.org

Consulting and workflow investigation to develop a technical solution for their temporal graph database needs. Coordinating with multiple researchers to develop applications to automate workflows and offer editing interfaces.

.studio

Partner
Berlin, DE
9.2022 →
dot.studio

Bootstrapping an agency for creative technical solutions with multiple partners. Conception, app development, consulting, customer acquisition, management, training.

Deutsche Welle

Innovation Manager
Bonn, DE
3.2021 →
innovation.dw.com

Helped ideate and implement EU and German government funded projects. AWS management, ETL, databases, and scraping for ML applications. Developed frontend applications. Presented and developed novel ideas. Contributed to existing software.

Digital H

Software Engineer
Düsseldorf, DE
2.2020 → 3.2021
digital-h.de

Worked in a small and focused team to develop a large social network app with graph family connections, permission systems, notification systems, and a chat client. Created design systems, REST apis and data architectures.

Syrian Archive

Technical Program Manager
Berlin, DE
4.2014 → 1.2020
syrianarchive.org

Bootstrapped the organisation. Archived and made accessible millions of videos of wartime footage. Developed the data pipelines scraping and ingesting USG from thousands of sources. Presented our work and did advocacy work. Collaborated with groups like the New York Times, University of Berkeley HRC, then UN. Managed a team, as well as our technical partnerships. Contributed to open source software.

Tactical Technology Collective

Developer
Berlin, DE
11.2011 → 4.2014

Backend and Frontend development of web applications. Trained internal and external groups in digital security. Research of new technologies.

Skills

*English / German /
Basic Spanish*

*Writing / Editing /
Facilitation /
Presenting*

*Scrum / TDD /
Documentation*

*Clojure/Script /
Typescript /
Javascript / Python /
Ruby*

HTML / CSS / SCSS

*SQL / Datalog /
SparQL / MongoDB*

*git / nginx / bash /
elasticsearch / linux
/ debian / arch*

*Docker / AWS / Google
Cloud*

*Reagent / Redux /
React / React Native
/ D3 / Spectre / Vue
/ Lodash / Leaflet /
Electron*

*Django / Flask /
Rails*

*Figma / Adobe /
Office / Emacs / Vim
/ Github*

Publications

- 2020 Chapter authors Niko Para and Jeff Deutsch “**Targeted mass archiving of open source information: a case study**” in “Digital Witness: Using Open Source Information for Human Rights Investigation, Documentation, and Accountability” Dubberley, Koenig, and Murray, eds, **Oxford University Press**
global.oup.com/academic/product/digital-witness-9780198836070
- 2019 Contributor “**circularity.ID - The transformation to data-driven circularity in fashion**” | pdf
circular.fashion/assets/13.12.2019_Official_WhitePaper_circularity.ID.pdf
- 2016 Contributor “**Nervous Systems**” Editors: Anselm Franke, Stephanie Hankey, Marek Tuszynski - Haus der Kulturen der Welt, Berlin / Spector Books
hkw.de/en/media/publikationen/2016_1/2016_publikation_nervoese_systeme.php

Events

- 2018 Expert speaker | **Digital Verification Corps Summit 2018** | Cambridge, UK
cghr.polis.cam.ac.uk/research-themes/human-rights-in-the-digital-age-1/DVC_summit
- Speaker | **Accountability for Syria** | Human Rights Center | UC Berkeley School of Law
law.berkeley.edu/event/accountability-for-syria/
- Expert Speaker | **Analyzing, Fact-checking and Verifying Multimedia Content** | Vienna Center for Disarmament and Non-Proliferation
- 2017 Expert Speaker | **Expert’s meeting on digital image authentication and classification** | United Nations – Geneva
- Speaker | **Data for the Social Good** | Amsterdam Institute for Humanities Research (AIHR) | University of Amsterdam
- 2015 Speaker | Re:publica | **Keep It Tidy: digital security for your organisation** | Berlin