

J.M. PORUP

CONTACT

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SUMMARY

Deputy CISO of a multi-billion Euro company. Cybersecurity professional with more than twenty years' experience as a developer, sysadmin, and co-founder/CISO of a startup accelerator. Masters degree in Cybersecurity from U.C. Berkeley (2019). Cybersecurity blue sky incubator Berkman Klein Assembly 2017, Harvard University. Brings a rare combination of breadth and depth of understanding of the complete infosec problem set.

EXPERIENCE

PARITY

Berlin, Germany

Deputy Chief Security Officer

November 2020 — present

Developed and implemented security strategy at a rapidly-growing blockchain startup worth billions of Euros.

- Acting Chief Security Officer (CSO) of a multi-billion Euro company for three months (February-May, 2021).
- Ongoing strategic threat modelling to advise management of both near-, medium-, and long-term strategic threats to the business. Prepared detailed response plans on how to mitigate those risks.
- Evaluated our software supply chain and pushed through changes that improved our security posture: Developed and deployed mandatory GPG-signed commits using work-issued Yubikeys, refactored our release management process (ongoing), examined the security of our CI/CD pipeline, etc.
- Improved the security of our in-house Staking Ops, which stakes billions of Euro worth of DOTs on Polkadot, our proof-of-stake network.
- Managed our bug bounty program, including triage and vulnerability response.
- Interviewed security candidates and recommended hire/no hire decisions.
- Trained new employees in operational security.

CENTER FOR LONG-TERM CYBERSECURITY

University of California, Berkeley

Pro Bono Cybersecurity Technologist, *Citizen Clinic*

2019

Served as a pro bono cybersecurity technologist at the public-interest Citizen Clinic program within the Center for Long-Term Cybersecurity at the University of California, Berkeley.

- Defended a civil society organization from nation-state adversaries.
- Assessed threats to the targeted organization, recommended mitigations to better secure their infrastructure, and worked closely with the client to implement the new policies and technical controls.
- Served as an operational security specialist advising their employees traveling to a potentially hostile foreign country.
- RSA Security Scholar, 2019.

IDG — *CSO ONLINE*

New York, New York

Senior Cybersecurity Reporter

2017-2020

Covered cybersecurity and national security for seven years (2013-2020), the last three as a senior staff reporter at *CSO Online*.

- Analyzed the bug bounty platforms (HackerOne and BugCrowd) and wrote a 5,000 exposé of how their VC-funded business model was bad for hackers, bad for 90% of their clients, and in violation of California "gig economy" labor law AB 5.
- Deep dive analysis and reporting into the usefulness and future of cybersecurity insurance.
- Went gonzo playing blue team as part of the Department of Energy's CyberForce competition, defended a mock oil rig from persistent red team attack.
- Downloaded and analyzed a credential stuffing torrent of 1.2 billion usernames and passwords.
- Sued the CIA with help of pro bono counsel for failing to comply with their FOIA obligations.
- Freelanced as a cybersecurity reporter (2013-2017) for *Ars Technica*, *Slate*, *The Economist*, *The Christian Science Monitor*, *Motherboard*, and others.

LATAM STARTUPS

Toronto, Canada

Co-founder and CSO

2014-2017

Co-founded and ran a startup accelerator. Built and managed all technical and security infrastructure for the company, including onboarding/offboarding employees, deploying two-factor authentication, and installing, maintaining, and supporting all IT functions.

- Advised dozens of international startups on their compliance obligations in the North American market, and made specific technical recommendations where existing security mitigations were clearly insufficient.
- Deployed DMARC in response to spoofed emails from a disgruntled ex-startup founder.
- For all matters technical and security the buck stopped with me.

LONELY PLANET

Cali, Colombia; Montevideo, Uruguay; Santiago, Chile

Guidebook Author

2006-2013

Wrote travel guidebooks to Latin America from my base in Cali, Colombia.

Contributed to five Lonely Planet guidebooks: Colombia, Venezuela, The Dominican Republic & Haiti, Caribbean Islands, and South America on a Shoestring.

- Head writer of *Lonely Planet Colombia, 5th ed.* Managed five other authors and the entire book spec.
- Learned to speak Spanish fluently as a second language with a hilarious gringo-Colombian accent.

STRATEGIC DATA

Melbourne, Australia

Perl Developer

2003-2006

- Built and deployed web applications using Perl's Template::Toolkit on a LAMP stack.
- Munged 360-degree personnel review surveys into hundreds of PowerPoint slide decks for a major global consulting firm using Perl's Win::OLE API.

MONASH UNIVERSITY

Melbourne, Australia

Perl Developer

2003

- Perl Developer working on Monash University's student portal, written in Perl Template::Toolkit.
- Implemented new feature requests, squashed bugs.

CYBERSOURCE

Melbourne, Australia

Developer/Sysadmin

2002-2003

- Apprenticed as a security-focused sysadmin and developer.
- Learned Perl and PHP.
- Helped launch Open Source Industry Australia, a non-profit group that advocated greater adoption of F/LOSS.

EDUCATION

UNIVERSITY OF CALIFORNIA, BERKELEY

Masters degree, Cybersecurity, 2019

NORTHWESTERN UNIVERSITY

Bachelors degree, Philosophy and ancient Greek, 1996

CERTIFICATIONS

Certified Information Systems Security Professional (CISSP)
Offensive Security Certified Professional (OSCP), in progress

LANGUAGES

ENGLISH (NATIVE), SPANISH (FLUENT), FRENCH (BASIC), GERMAN (BASIC)

CITIZENSHIP

USA, CANADA, AUSTRALIA