TARAH M WHEELER

t@tarah.org

+1 562 448 2724

Cybersecurity Executive, Board Member, & Information Security Engineering Leader

SUMMARY

Strategic technical security leader, board member, and executive dedicated to cybersecurity with integrity and openness. Innovating in cloud security, data privacy, and top-level direction for security companies. **Leading and directing onsite and remote offensive and defensive security engineering teams**, directing technical and project managers, supervising designers, developers, and database engineers. **Incident commander** and principal investigator for multiple security crises. **Fulbright Scholar and information security technical subject matter expert at/for the European Union, Washington Post, US Federal Trade Commission, NPR, PBS Nova, Foreign Policy, Oxford, Stanford, OECD, and many more.** Designed and provisioned Silent Mail encrypted communications server. Architected multilevel, multicontinental disaster recovery plans for soft and hard contingencies. **Ongoing technical research and competitor in offensive and mobile security and password cracking.**

POSITIONS

Cyber Project Fellow, Belfer Center for Science and International Affairs, Harvard University, *2020—present*

Fulbright Scholar, Cybersecurity, US/UK Fulbright Commission, University of Oxford *2020-2021*

Board Member, Advisory Board, Electronic Frontier Foundation (2020—present)

International Security Fellow, New America, *2017—present (began as Cybersecurity Policy Fellow)*

Chief Information Security Officer & vCISO Advisor, Red Queen Technologies, *2002—present*

Head of Offensive Security & Technical Data Privacy, Splunk Global Security *2018—2019*

Senior Director of Engineering, Website Security, Symantec, *2016—2017*

Founder & CEO, Fizzmint, *2012—2016*

Adjunct Professor, Information Technology, Seattle Central College, *2015—2016*

Systems Architect, Silent Circle Global Encryption, *2012—2014*

EDUCATION

University of Oxford, *Oxford, UK* (2020—expected 2024) Doctor of Philosophy in Social Data Science

Harvard University, *Cambridge, MA* (2019) HarvardX Online: Senior Cybersecurity Executive Risk Strategy Certification

The University of Washington, *Seattle, WA* (2010—2011) Postgraduate Certificate Program in Scrum/Agile Development, Advanced Agile Development

Portland State University, *Portland, OR* (2002—2004)

Masters of Science in Political Science (specialties in Cognitive Behavioral Theory and Statistical Modeling)

Carroll College, *Helena, MT* (1998—2001)

Bachelor of Arts International Relations (specialty in Business)

PROFESSIONAL CERTIFICATIONS

GIAC GXPN #2541 (Exploit Researcher & Advanced Penetration Tester) Granted October 2020—present

GIAC GMOB #1252 (Mobile Device Security Analyst) Granted June 2019—present

CISSP #611154 (Certified Information Systems Security Professional) (Granted May 2017—present)

CSM CSD CSP #116728 (Certified Scrum Master & Developer & Professional) (Granted December 2010—present)

SERVICE

Contributing Expert, Organization for Economic Cooperation & Development Cybersecurity Working Group (2018—present)

Expert, Washington Post Cybersecurity Top 100 Board (2018—present)

Security Operations Commander, TEDxSeattleUniversity (2017)

Contributor, CyberScoop Media (2017—present)

Member, Christian Science Monitor Cybersecurity Passcode Influencers (2016—2017)

SELECTED PUBLICATIONS

"The danger in calling SolarWinds an act of war," Brookings Institution, March 4, 2021

"NATO, We Want to Go to War With You," Foreign Policy, December 22, 2020

"In cyberwar, there are no rules," feature in Foreign Policy Magazine, Fall 2018

Women In Tech: Take Your Career To The Next Level With Inspiring Stories And Practical Advice, Author, Sasquatch Books, 2016

Website Security Threats For Dummies, Technical Editor, Wiley 2016

Inside the Tech Interview: A Systematic Way to Nail a Job in the Software Industry, Contributor, Reinhardt, 2016

SELECTED SPEAKING/MEDIA

"Identity, Finance, And Cyber Crime" CognitionX, *London, UK*, (06/09/2020)

"Ethics In Cybersecurity" The United States Military Academy at West Point, *West Point, NY*, (10/18/19)

"As Regulatory Environment Split, Could See Three Internets, Says New America's Wheeler" Bloomberg Asia TV cybersecurity expert appearance, (10/14/19)

"Competing Norms And Strategic Implications" 21st Asia Pacific Programme For Senior Military Officers (APPSMO 2019), S. Rajaratnam School Of International Studies, Nanyang Technological University, *Singapore*, (08/02/19)

"Augmented Capabilities-Harnessing AI and Building Readiness for the Modern Battlespace," European Union-Foreign Policy Defense Forum, *Washington, DC*, (06/06/19)

"AI in Cybersecurity-Defence or a Threat?" Securities Commission Malaysia Keynote, SCxSC 2019, *Kuala Lumpur, Malaysia*, (10/23/19)

"The Future of Cyberwar," Oxford University, *Oxford, UK*, (11/02/18)

"Cybersecurity," Panel, Organization for Economic Cooperation + Development, *Paris, FR*, (05/29/18)

"The Future Isn't Backwards Compatible: Cybersecurity Professionals And Ethics," Keynote, Institute of Information Security Professionals, Royal College of Surgeons, *London, UK*, (04/19/17)

"Adaptation as a primary hacker trait," Keynote, BSides Orlando, *Orlando, FL*, (04/08/17)

"The Future Of Cryptocurrency," Closing Plenary Panel, Financial Cryptography 2017, *Sliema, Malta*, (04/05/17)

"Start With Security," Panelist, Federal Trade Commission, *Seattle, WA* (02/09/16)