

TARAH M WHEELER

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Cybersecurity Executive & 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. Most recognized for remaining technically competent while breaking into executive leadership and strategic direction for security organizations and companies. **Leading and directing onsite and remote offensive and defensive security engineering teams**, directing technical and project managers, supervising designers, developers, and database engineers. Hiring, developing, expanding, and transitioning security teams. Threat & vulnerability management. **Incident commander** and principal investigator for multiple security crises. Advisor to startups through enterprises on secure procedures and development practices. **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. More than 18 years of professional and academic experience in object-oriented complex systems computational modeling & security engineering. 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*

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

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

Senior Director, Data Trust and Threat + Vulnerability Management, 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

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

The University of Michigan, *Ann Arbor, MI* (2004—2008)

Precandidate for Doctor of Philosophy in Complex Systems and Political Science, National Science Foundation Fellow, IGERT-IDEAS

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 GMOB #7449975 (Mobile Device Security Analyst) Granted June 2019—present

OSCP (Offensive Security Certified Professional) (In progress)

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

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

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

Security Operations Commander, TEDxSeattleUniversity (2017—present)

Contributor, CyberScoop Media (2017—present)

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

SELECTED PUBLICATIONS

“In cyberwar, there are no rules: why the world desperately needs digital Geneva Conventions.,” feature in Foreign Policy Magazine, Fall 2018

“We need to do a better job teaching people simple security hygiene,” op-ed in CyberScoop, 2017

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

“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)