Stephen Sheridan Ph.D.

Contact Details

NAME:	Stephen Sheridan
ADDRESS:	TU Dublin - Blanchardstown Campus, Blanchardstown Rd. North, D15 YV78, Ireland.
EMAIL:	stephen.sheridan@tudublin.ie

Education

08/2018	**PH.D.**
	Institute of Technology Blanchardstown
Awarded by	Quality & Qualifications Ireland (QQI)
01/2014–07/2018	Detection of DNS-based Covert Channels using Machine Learning.
11/1998	**B.SC. (HONS) COMPUTING**
	Griffith College Dublin
Award	First class honours
Awarded by	University of Ulster
09/1994–04/1998	Award for best academic achievement
06/1994	**DIPLOMA IN COMPUTING (LEVEL 6)**
	Donahies School of Computing
Award	Distinction
Awarded by	Dublin Vocational Education Committee (VEC)
09/1992–05/1994	Embedded City & Guilds in Application Programming

Work Experience

2000 – Present	Lecturer in Computing Science
	School of Informatics & Engineering
	TU Dublin - Blanchardstown Campus, Blanchardstown Rd. North, D15 YV78, Ireland.
1998 - 2000	Lecturer in Computing Science
	Computing Department
	Griffith College Dublin, South Circular Road, D08 V04N, Ireland.
1997 - 1998	Senior Software Engineer
	Amdahl Corporation Ireland
	Balheary Road, Swords Co. Dublin, Ireland.
1995 - 1997	Software Engineer & Subject Matter Expert
	Smartforce (CBT Systems)
	Clonskeagh, Dublin 14, Ireland.
1995 - 1997	Software Engineer
	Odyssey Information Systems
	Grand Canal Street Lower, Dublin 2, Ireland.

Publications/Talks

Sheridan, S. and Keane, A., (2017), June. Improving the stealthiness of dns-based covert communication. *In European Conference on Cyber Warfare and Security (pp. 433-441).* Academic Conferences International Limited.

Sheridan, S. (2016), November. DNS: A Hole in your Firewall. *HEAnet Conference 2016.*

Sheridan, S., (2016). DNS-Based Covert Channels. *Dublin Institute of Technology Guest Lecture.*

Sheridan, S. and Keane, A. (2015). Detection of DNS-Based Covert Channel Beacon Signals. *Journal of Information Warfare,* 14(4), 100–114. https://www.jstor.org/stable/26487509

Sheridan, S. and Keane, A., (2015), July. Detection of dns based covert channels. *In European Conference on Cyber Warfare and Security* (p. 267). Academic Conferences International Limited.

Sheridan, S., (2015). DNS-Based Covert Channel Detector. *Dublin Institute of Technology Graduate Research Symposium.*

Sheridan, S., (2014). Covert Channel Detection. *Dublin Institute of Technology Graduate Research Symposium.*

Sheridan, S., (2007), October. Java Based Message Passing System for Training Neural Networks. *In Proceedings of the Seventh Annual IT&T Conference,* Blanchardstown, Dublin 15, Ireland.

McCabe, H., Smith, M., Kelly, G., Pike, A., and **Sheridan, S.**, (2006), October. Inform, Entertain and Educate: Developing and Exploiting Virtual 3D Campus Models. *In proceedings of the Sixth Annual IT&T Conference,* Carlow, Ireland.

Graham, R., McCabe,H., and **Sheridan,S.**, (2005), June. Realistic Agent Movement in Dynamic Game Environments. *In Proceedings of DIGRA 2005 Conference: Changing Views – Worlds in Play ps. 249-259,* Vancouver, Canada.

Graham, R., McCabe,H., and **Sheridan,S.**, (2005). Neural Pathways for Real Time Dynamic Computer Games. *Proceedings of the Sixth Eurographics Ireland Chapter Workshop,* Eurographics Ireland Workshop Series, Volume 4 ISSN 1649-1807, ps.13-16.

Online links

LinkedIn	https://www.linkedin.com/in/stephensheridanlinkedin/
GitHub	https://github.com/stephensheridan
Personal Webpage	http://www.drstephensheridan.com
YouTube	https://www.youtube.com/c/StephenSheridanOnline
Google Scholar	https://scholar.google.com/citations?hl=en&user=kCm7-rUAAAAJ
ResearchGate	https://www.researchgate.net/profile/Stephen-Sheridan-2
ORCID	https://orcid.org/0000-0001-5458-947X