Brief CV

Name	Sourav Sen Gupta	中文名		
Gender	Male	**Title** (Pro./Dr.)	Dr	
Position （President…）	Lecturer	**Country/ Region**	Singapore	
University/ Department	Nanyang Technological University, School of Computer Science and Engineering			
Personal Website	http://www.souravsengupta.com/			
Research Area	Cybersecurity, Blockchain Technology, Machine Learning			

Brief introduction of your research experience:

Dr Sourav Sen Gupta's research interests follow two tracks of Cryptology -- mathematical security analysis of cryptographic primitives towards discovering their security vulnerabilities, and efficient engineering of cryptographic designs for high performance. Currently, he is interested in applications of Machine Learning in various domains of Security, and the state-of-the-art developments in the emerging area of Bitcoin and Blockchain technologies.

In addition to his primary research interests, he is also inclined towards topics in Number Theory that have close ties with cryptographic applications. Distribution of primes, primality testing algorithms, the factorization problem, lattice based analysis of cryptographic constructions, and topics in elliptic curve cryptography pique his interest. Time and again, he also likes to explore elegant theoretical and computational problems in elementary Number Theory, Statistics and Data Science.

 *****All the columns need to be filled in.