

Curriculum Vitae



Titel	Firstname	Lastname	Birthdate	Birtplace
Dipl. -Ing.	Sarita	Paudel	15.06.1984	Tanahun Nepal
Work Address			Contact	
Giefinggasse 4, 1210 Wien, Austria			Telephone +43 664 88256091 sarita.paudel@ait.ac.at	
Nationality : Nepal			Marital Status: Married	

Education

Jan 2016 – current **Austrian Institute of Technology (AIT), Technische Universität (TU) Wien, Austria**

Junior Scientist and PhD Student

2014-2015 Babybreak

2011-2014 **Technische Universität (TU) Wien, Austria**

Masters “Software Engineering and Internet Computing”

Thesis: Security Engineering and Software Development in Critical Infrastructure IT in the Cloud

2010-2011 German Language Course in University Wien und TU Wien.

April-Sept. 2010 Stay in Ireland, improvement of English language skills.

2007-2010 In professional life, in Nepal (details under “Work Experience”).

2002-2007 **Nepal Engineering College in Kathmandu (Pokhara University)**

Bachelor in „Computer Engineering“ 4 years Bachelor Program in Nepal. After this study, all basic principles are laid to work as a professional software developer

2000-2002 **Nepal Science Campus, Kathmandu Nepal**

Higher Secondary School A Higher Secondary School education which leads to higher education. I attended technical subjects Physics and Mathematics.

1990-2000 **Araniko English Boarding School, Khairenitar, Nepal**

Work Experience

2013-2014 **Austrian Institute of Technology (AIT)** Research Assistant

2009-2010 **View Nepal Web Hosting P. Ltd, Kathmandu** Software developer PHP, MySQL

2007-2009 **World Link Technologies, Kathmandu** Software developer with focus on web applications, based on PHP and Oracle.

Language Nepali: Mother language, English, German

Publications

- Sarita Paudel, Paul Smith, and Tanja Zseby. 2018. Stealthy Attacks on Smart Grid PMU State Estimation. ARES 2018.
- Sarita Paudel, Paul Smith, and Tanja Zseby. 2017. An Extended Abstract on – Data Attacks in Wide Area Monitoring System. Symposium on Innovative Smart Grid Cybersecurity Solutions: Research-driven solutions for the critical cybersecurity challenges facing the future smart grid
- Sarita Paudel, Paul Smith, Tanja Zseby: Attack Models for Advanced Persistent Threats in Smart Grid Wide Area Monitoring. CPSR-SG, CPS Week 2017
- Sarita Paudel, Paul Smith, Tanja Zseby: Data Integrity Attacks in Smart Grid Wide Area Monitoring. ICS-CSS 2016
- Sarita Paudel, Markus Tauber, Christian Wagner, Aleksandar Hudic, Wee-Kong Ng: Categorization of Standards, Guidelines and Tools for Secure System Design for

Critical Infrastructure IT in the Cloud. CloudCom 2014: 956-963

- Markus Florian, Sarita Paudel, Markus Tauber: Trustworthy evidence gathering mechanism for multilayer cloud compliance. ICITST 2013: 529-530
 - Sarita Paudel, Markus Tauber, Ivona Brandic: Security standards taxonomy for Cloud applications in Critical Infrastructure IT. ICITST 2013: 645-646
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