

...: *Curriculum Vitae* :...

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## Occupation

- 2018 - Debricked AB, Co-founder and Senior Advisor
- 2011 - Associate Professor, Department of Electrical and Information Technology, Lund University.
- 2013 - 2015 Visiting researcher at Ericsson AB (50%).
- 2008 - 2011 Assistant Professor, Department of Electrical and Information Technology, Lund University. Received Docent degree (reader) in February 2011.
- 2003 - 2007 Ph.D. Student at the department of Electrical and Information Technology, Thesis "On the Design and Analysis of Stream Ciphers", defended Sept 2007.

## Teaching (Lecturer and/or course responsibility)

- 2018 - Design of Digital Circuits
- 2012 - 2019 Advanced Web Security
- 2008 - 2019 Computer Security
- 2008 - 2014
- 2020 - Web Security
- 2017 - Introduction to Information Security

I have also been a teaching assistant in Design of Digital Circuits (2003-2005), Computer Security (2003 - 2005) and Cryptology (2005 - 2006)

I received the Computer engineering students' pedagogical prize "The Golden Rod" in 2012. Awarded the distinction "Excellent Teaching Practitioner" (ETP) in 2014.

## Other Activities

- 2020 - Member of Digitization Council at LTH, Lund University.
- 2015 - Research Group Leader, Crypto and Security Group.
- 2015 - 2018 Director of undergraduate studies, Department of Electrical and Information Technology, Lund University.
- 2010 - 2014 Assistant program leader, Information and Communication Engineering Technologies
- 2005 - 2007 Member of the board, Department of Information Technology, Lund University.
- 2005 - 2007 Ph.D. student representative at the Dept. of Information Technology, Lund University.

## Program Committee Member

Inscrypt 2008, ICISC 2009, SAC 2010, ICISC 2010, WCC 2011, ICISC 2011, FSE 2012, SAC 2012, ICISC 2012, FSE 2013, NFSP 2013, BigSecurity 2013, ICISC 2013, FSE 2014, NFSP 2014, ICISC 2014, BigSecurity 2015, NordSec 2015, ICISSP 2016, ICISSP 2017, ICISC 2017, ICISSP 2018, SSCC 2019, ICISSP 2019, IndoCrypt 2019, CECC 2019, SSCC 2020, NordSec 2020, ACISP 2021.

### Academic Visits

- 2004 Indian Statistical Institute, Kolkata, India (5 weeks).
- 2005 University of Waterloo, Waterloo, Canada (7 weeks).

### Research Projects

- 2019 - 2020 SecT: Spårning och visualisering av säkerhetsinformation kopplat till IoT-enheter. Funded by Vinnova with Debricked as applicant. Grant 800 KSEK.
- 2018 - 2021 HATCH: Handling Security in the Value Chain. Funded by Vinnova. Grant 4 MSEK.
- 2018 - 2023 SMARTY: Secure Software Update Deployment for the Smart City. Funded by SSF. Grant 22 MSEK. *Project leader.*
- 2018 - 2023 SEC4FACTORY: Cyber Security for Next Generation Factory. Funded by SSF. In total 30 MSEK.
- 2015 - 2018 SECONDS: Secure Connected Devices. Vinnova UDI project, phase 1 (2015-2016) and phase 2 (2016-2018). In total 18 MSEK, of which 7 MSEK from Vinnova. *Project leader.*
- 2013 - 2015 Trusted Execution Environments and Trusted Processing. SSF Strategic Mobility. 1 MSEK. Individual grant.
- 2013 - 2015 NOTTS: Next Generation Over-The-Top Multimedia Services. Celtic-Plus. Main responsible for security research. The project received the Eureka Innovation Award in the category "Competitiveness and Growth".
- 2009 - 2010 Trusted Virtualization for Android Platform. Vinnova. In total 2.9 MSEK.

### Metrics

Journal articles: 16

Peer reviewed conference articles: 50

Citations: 2038

h-index: 17

Google Scholar: [https://scholar.google.se/citations?user=\\_3a-TpQAAAAJ](https://scholar.google.se/citations?user=_3a-TpQAAAAJ)

### Other

I have supervised about 30 Master's projects. I am co-author of five patents and is currently main supervisor of 3 PhD students.