

Doreen Riepel

Curriculum Vitae

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Academic Education

- 02/2019 – today **Ph.D. Student, Cryptography**
Faculty for Computer Science, Ruhr-Universität Bochum, Germany
– Advisor: *Prof. Dr. Eike Kiltz*
- 10/2016 – 01/2019 **Master of Science (M.Sc.), IT-Security**
Ruhr-Universität Bochum, Germany
– Thesis title: *“Tight Encryption in a Multi-User Setting”*
– Final grade: *95% out of 100%*
- 10/2013 – 09/2016 **Bachelor of Science (B.Sc.), Business Information Systems**
Duale Hochschule Baden-Württemberg, Mannheim, Germany
– Main area of study: *Software Engineering*
– Final grade: *1.6*

Experience

- 06/2021 – 07/2021 **NTT Research**
Research Intern at the Cryptography & Information Security Laboratories
– Advisor: *Hoeteck Wee*
- 01/2018 – 06/2018 **NTNU in Gjøvik, Norway**
Exchange Student in Information Security
– Semester abroad within the European Erasmus program
- 10/2013 – 09/2016 **Hewlett Packard Enterprise**
“Dual Study” program with internships in the following departments:
– Financial Services Industry, Walldorf, Germany
– Server Automation, Sunnyvale, USA
– Applications Transformation, Berlin, Germany
– HP Networking, Bad Homburg, Germany
– Communications and Media Solutions, Bad Homburg, Germany

Teaching Activities and Further Training

- 10/2019 – 03/2020 Teaching Assistant for Post-Quantum Cryptography
- 02/2019 Winter School on Zero Knowledge (Tel Aviv, Israel)
- 07/2016 Summer School on Internet of Things (Ontario, Canada)

Publications and Research Activities

- [1] Tibor Jager, Eike Kiltz, Doreen Riepel, Sven Schäge: “Tightly-Secure Authenticated Key Exchange, Revisited” (EUROCRYPT 2021)
- [2] Joël Alwen, Bruno Blanchet, Eduard Hauck, Eike Kiltz, Benjamin Lipp, Doreen Riepel: “Analysing the HPKE Standard” (EUROCRYPT 2021)
- [3] Shuai Han, Tibor Jager, Eike Kiltz, Shengli Liu, Jiabin Pan, Doreen Riepel, Sven Schäge: “Authenticated Key Exchange and Signatures with Tight Security in the Standard Model” (CRYPTO 2021)

Other

- Member Equal Opportunities Board in the Excellence Cluster CASA
- Scholarship “Deutschlandstipendium”, funded by the Horst Görtz Stiftung
- Languages German, English