Fachhochschule Aachen Campus Jülich

Fachbereich: Medizintechnik und Technomathematik Studiengang: Technomathematik

Secure Multi-Party Computation for Decentralized Distributed Systems

Masterarbeit von Frederic Klein

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Abstract...

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Introduction

Research has found that "this is a direct quotation" (Doe 2100a, p. 1). Doe (2100a, p. 1) found that "this is a direct quotation". On the other hand, if the direct quotation is paraphrased, we don't need the quotes; also we use pp. for multiple, consecutive pages (Doe 2100b, pp. 35-37).

In the above paragraph we used authoryear as citation scheme and add a descriptive footnote.¹

The Corporate Design section on the FH Aachen website, is rather disappointing. Using the website logo, we get a higher resolution (see figure 1.1) and use this logo for the title page.

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Figure 1.1: The FH Logo (FH Aachen Logo 2016)

¹authoryear complies with the Harvard Reference Style

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Foundation

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| 2.1 | Gamification | and Serious | Cames |

- 2.2 Distributed Systems
- 2.3 Secure Multi-Party Computation (SMPC)

Protocols

Frameworks

Differential Privacy

2.4 Wireless network technologies

Wireless Local Area Networks

Wi-Fi/802.11

Wireless Personal Area Networks

Bluetooth

Bluetooth Smart/Bluetooth Low Energy

Wireless Networks in Hospitals

2.5 Case Study: "The Hygiene Games" System

Research

3.1 Applicability of SMPC Protocols in Decentralised Systems

Analysis of Key Factors: Computing Power, Network Data Rates and Duration of Connection

3.2 Effectiveness of SMPC Protocols in Sparse Networks

Maintaining anonymity

Strategies for Aggregation of Participants in Sparse Networks

3.3 Applicability and Requirements Analysis for the Hygiene Games

Conclusion

References

Doe, John (2100a). The Book without Title. Dummy Publisher.

— (2100b). The other Book without Title. Dummy Publisher.

FH Aachen Logo (2016). URL: https://www.fh-aachen.de/fileadmin/template/pics/fh-logo-right.svg/.

Appendix A

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