

Alexander Kiening

About me

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- Technical Manager Security R&D

Research topics

- Privacy engineering
- Trustworthiness of data source
- Security testing
- Model-based security risk analysis



Open questions/interests

Privacy by design

- How to perform privacy risk analyses?
- How to select appropriate privacy enhancing technologies (PETs) to mitigate risks?
- How to quantify privacy? How much privacy protection do we get by certain architectures, solutions?

Trust

- How to trust data from unknown sources (maybe due to privacy protection)
- Co-hosting applications with different criticality (e.g., safety vs infotainment) on same hardware platform. Can we trust the reliability of the underlying platform?