

## EMPLOYMENT

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**Research Assistant, Full-time**                      **University of British Columbia**                      **09/2017 – present**

- Establish multiple research collaborations with local and international blockchain start-ups, including industry leaders.
- Lead an interview study with users and non-users of cryptocurrencies to investigate their adoption behaviors, motivations, and risk perceptions.
- Run evaluative research to identify pain points of current cryptocurrency management tools and help industry partners in identifying pathways to resolve them.
- Design online surveys, develop theoretical models, and run the statistical analysis to investigate factors influencing the security, privacy, and adoption behaviors in the context of cryptocurrencies.
- Tailor and communicate research findings and design recommendations to cross-functional industry partners, including senior leadership, designers, and program managers.

**Scientific Assistant**                                      **Fraunhofer AISEC**                                      **01/2016 – 08/2017**

- Developed an analysis tool in Java that displays the implementation of requirements with over 85% accuracy.
- Developed a framework in Ruby that can serve as a supportive tool during a security assessment of a system.
- Conducted threat assessments and code reviews for corporations in the public sector.

**Working Student**    **Toll Collect GmbH**    **08/2015 – 12/2015**

- Designed a cross-departmental web application and led a team of four software engineers through the agile software development life cycle.

## EDUCATION

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**Vancouver, BC, Canada**                                      **University of British Columbia**                                      **09/2017 – 09/2021**

- Ph.D. in Computer Engineering, graduating in 2021. (GPA: 88/100)  
*Focus: usable security, human-computer interaction, blockchain security*

**Berlin, Germany**    **Free University of Berlin**    **10/2011 – 08/2017**

- M.Sc. in Computer Science, 2015 – 2017.
- B.Sc. in Computer Science, 2011 – 2015.

## SELECTED PUBLICATIONS

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**VOSKOBOJNIKOV, A.**, WIESE, O., MEHRABI KOUSHKI, M., ROTH, V., AND BEZNOSOV, K. The U in Crypto Stands for Usable: An Empirical Study of User Experience with Mobile Cryptocurrency Wallets. To Appear In: Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI 2021). (*Acceptance rate: 26.3%*)

ABRAMOVA, S.,\* **VOSKOBOJNIKOV, A.**,\* BEZNOSOV, K., AND BÖHME, R. Bits Under the Mattress: Understanding Different Risk Perceptions and Security Behaviors of Crypto-Asset Users. To Appear In: Proceedings of the 2021 CHI Conference on Human Factors in Computing Systems (CHI 2021). (*Acceptance rate: 26.3%*)

**VOSKOBOJNIKOV, A.**, OBADA-OBIEH, B., HUANG, Y., AND BEZNOSOV, K. Surviving the cryptojungle: Perception and management of risk among North American cryptocurrency (non) users. In: International Conference on Financial Cryptography and Data Security (FC 20). (*Acceptance rate: 22%*)

\* both authors contributed equally

## TECHNICAL SKILLS

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- Languages: Java, Python, R
- Research: Interviews, Surveys, Usability testing, Heuristic evaluation, Focus groups, Qualitative analysis (Thematic Analysis, Grounded Theory), Cluster analysis, Applied statistics (structural equation modeling, hypothesis testing, regression analysis)
- Tools: Git, Linux, Maven, Jira, Qualtrics, SPSS, NVivo