



# Kirill Shatilov

## Computer Engineer

**Location**  
Hong Kong

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## Programming



**Languages**  
Russian-native  
English-C1(CAE)

## Education

2017 - now **PhD candidate in Computer Science and Engineering**  
[The Hong Kong University of Science and Technology](#)

2014 - 2016 **Master's Degree in Computer Science**  
[Novosibirsk State University](#)  
Department of Computer Sciences, Chair of Cyber Security. Master thesis - "Developing of software complex for enabling secure computations and storage in remote untrusted database", GPA 5.0.

2010 - 2014 **Bachelor's Degree in Computer Science**  
[Novosibirsk State University](#)  
Department of Computer Sciences, Chair of Informational Systems. Bachelor thesis - "Protected Database: implementation on client side", GPA 4.6.

## Experience

2015 - 2017 **Senior Software Engineer**  
[CJSC Sberbank Technologies](#)  
Project "Digital Corporate Banking"  
Java EE, Spring: banking software, algorithms implementation, cryptography.  
JavaScript: NodeJS, Bootstrap, React, Redux: developing modern UI.

2012 - 2015 **Software engineer & Project manager**  
[Laboratory of Contemporary Computer Technologies](#)  
Project "Protected Database"  
C++, Lua scripting, php: developing and verifying software complex aimed at keeping confidential data inside untrusted cloud database, while allowing to perform operations (search, comparison, arithmetical) over encrypted data.

## Publications

Shatilov, K., Boiko, V., Krendelev, S., Anisutina, D., Sumaneev, A.  
**Solution for secure private data storage in a cloud**  
*In Computer Science and Information Systems (FedCSIS), 2014 Federated Conference on (pp. 885-889). IEEE.*

Chechulina, D., Shatilov, K., Krendelev, S.  
**Fully homomorphic encryption for secure computations in protected database**  
*In Position Papers of the 2015 Federated Conference on Computer Science and Information Systems (pp. 125-131).*

Shatilov, K., Krendelev, S., Anisutina, D., Sumaneev, A., Ogurtsov, E.  
**Securing outsourced database: architecture for protected web resource**  
*In Proceedings of the 11th Central Eastern European Software Engineering Conference in Russia (p. 1). ACM.*

## Other Info

HKPFS awardee (since 2017); Scholarship of President of Russian Federation (2014-2016)  
Kyokushin Karate Do, 15 years experience, winner of several regional championships  
Computer games enthusiast - link to Steam profile