Kirill Shatilov

Computer Engineer

Location
Hong Kong

Mail
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kshatilov@
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GitHub
kshatilov

Web Site
shatilov.me

Telegram
@the_best_pokemon

Mobile
+7 952 902 22 77 (RU)
+852 5487 1709 (HK)

Programming

Python C/C++
SQL   Java   Git
Android   JS

Languages
Russian-native
English-C1(CAE)

Awards
1. HKPFS (since 2017)
2. Scholarship of President of Russian Federation (2014-2016)

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

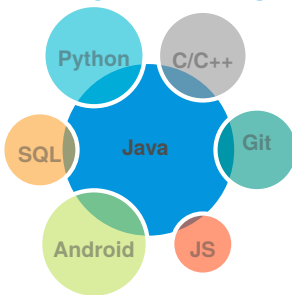**2015 - 2017**   **Senior Software Engineer**

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., Chatzopoulos, D., Wong, A. & Hui, P.
Using Deep Learning and Mobile Offloading to Control a 3D printed Prosthetic Hand
Submitted to IMWUT, available here

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.