# VERONICA ZVEREVA

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## Security Engineer

## Summary

Long-long time ago, there lived a very wise man Kong Qiu, better known as Confucius. He once said: *"Choose a job you love, and you will never have to work a day in your life"*. Well, I can say then, that I am a very happy person indeed, because I am so crazy and proud of what I do! My job has become my hobby, my passion and my way to make this world a safer and, therefore, a better place to live in :) Please, feel free to visit my website for more information or LinkedIn profile here.

## Professional Experience

**May 2019 - Present**

Security Engineer (Offensice AppSec)

*SolidLab, Ltd*

- Acquired high level of proficiency in Mobile application security assessment, rooting and jailbreaking
- Acquired more experience in Web application security assessment
- Perform occasional reversing and patching (java or js) of code due to the previous qualification
- Has written methodology of mobile application assessment
- Have been working cooperatively with the management and customers' representatives
- Acquired strong report writing skill

**Oct 2017 - May 2019**

Reverse Engineer

*Dr. Web, Ltd*

- Performed assembly code analysis of malware, defeating anti-debugging and anti-VM techniques
- Analysed malware network traffic
- Wrote remediation, decryption and de-obfuscation scripts
- Initiated weekly meetings with colleges for experience sharing and motivation
- Wrote articles for internal knowledge database
- Developed a tool for malware analysts for internal use
- Improved analytical skills and attention for details while investigating infections
- Improved knowledge about different offensive and defensive techniques

## Education

**2009 - 2017**

Bachelor in Digital History

*Lomosov Moscow State University*

Implemented fuzzy algorithm for data classification as a diploma work. This program is now used in University historical researches and is also included as a part of data analysis course for Digital History students. My research supervisor and I published an article based on my diploma work: *"Multidimensional fuzzy classification in historical research: development and testing of a new version of a software product"*. The article is available here for reading.

## Certificates

- Certified Ethical Hacker, EC-Council (January 2019)
- Software Security, University of Maryland, College Park, Coursera (Sep 2018)
- Cryptography, University of Maryland, College Park, Coursera (Oct 2018)
- Autopsy 8-hour course + DFIR challenge (April 2020)
- Mobile Forensics Udemy Course (April 2020)
- Prefetch Forensics SDF series Udemy (August 2020)
- TestDaF, Goethe Institut (Apr 2015)

## Courses

- Diagnostics and maintenance of HDD. Data recovery from various types of data-storage media – Bauman MSTU
- Web application development (HTML, JS, PHP, MySQL) – Bauman MSTU

## Skills

Reverse Engineering, Malware Analysis, Penetration Testing (Mobile Applications and Web applications), Cryptography, Programming (C#, Python, VBA)

## Hobbies

Riddles and puzzles, Cryptography, Karate, Foreign Languages, Skating, Computer Science, Ethical Hacking