

PERSONAL INFORMATION

Catalin Valeriu Lita



 17, Zimbrului, Iasi (Romania)

 catalin.valeriu.lita@gmail.com

Sex Male | Date of birth 03/02/1985 | Nationality Romanian

WORK EXPERIENCE

- 06/2016–Present **Malware Researcher**  
SecurityScorecard, New York (United States)
- 07/2007–06/2016 **Malware Researcher**  
Bitdefender, Iasi (Romania)

EDUCATION AND TRAINING

- 2013–2015 **Master's degree, Business Administration**  
„Alexandru Ioan Cuza” University, Iasi (Romania)
- 2009–2011 **Master's degree, Information Security**  
"Alexandru Ioan Cuza" University, Iasi (Romania)
- 2004–2009 **Bachelor's degree in Computer Science**  
„Gh. Asachi” Tehnical University, Iasi (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

|         | UNDERSTANDING |         | SPEAKING           |                   | WRITING |
|---------|---------------|---------|--------------------|-------------------|---------|
|         | Listening     | Reading | Spoken interaction | Spoken production |         |
| English | C2            | B2      | B2                 | B2                | B2      |

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
Common European Framework of Reference for Languages

Job-related skills Python, Reverse Engineering

ADDITIONAL INFORMATION

- Certifications**
- Introduction to Psychology  
- <https://www.coursera.org/account/accomplishments/verify/YY9CDN24LCBB>
  - Managing Talent - <https://www.coursera.org/account/accomplishments/verify/PMS77M5XKF5R>
  - Influencing People - <https://www.coursera.org/account/accomplishments/verify/8ZN5F5BHMQLH>

Inspiring and Motivating Individuals

- <https://www.coursera.org/account/accomplishments/verify/9A3REUHCT6BC>

#### Publications

Catalin-Valeriu Lita. "On Complexity of the Detection Problem for Bounded Length Polymorphic Viruses". In: Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), 2016 18th International Symposium on. IEEE. 2016, pp. 371–378.

Catalin Valeriu Lita, Doina Cosovan, and Dragos Gavrilut. "Anti-emulation trends in modern packers: a survey on the evolution of anti-emulation techniques in UPA packers". In: Journal of Computer Virology and Hacking Techniques 14.2 (2018), pp. 107–126.

Doina Cosovan and Catalin Valeriu Lita. "Practical aspects related to using Hidden Markov Models for detecting metamorphic file infectors". In: Symbolic and Numeric Algorithms for Scientific Computing (SYNASC). 2017.

Catalin Valeriu Lita and Doina Cosovan. "An Incursion in the Malware Packer Market". CARO 2017, Krakow, Poland.

<https://www.eiseverywhere.com/ehome/caro2017/>

Catalin Valeriu Lita and Doina Cosovan. "Evading Detection with Anti-Emulation Techniques". CARO 2018, Portland, United States of America.

<https://caroworkshop2018.wordpress.com/>