



Thomas Mizraji

EPF Computer Science Engineer

31.03.1994 - Swiss

B Driving Licence

Education

- 2018 **MSc in Information systems**, *HEC Lausanne*.
Business Analytics and Cybersecurity Background
- 2015–2017 **MSc in Computer science**, *EPFL (Ecole Polytechnique Fédérale de Lausanne)*.
Cyber Security, Networking and Data Analysis Background
- 2012–2015 **BSc in Computer science**, *EPFL (Ecole Polytechnique Fédérale de Lausanne)*.
Software Engineering and Polytechnic Background
- 2009–2012 **Swiss Federal Maturity**, *Gymnase d'Yverdon-les-Bains - CESSNOV*.
Mathematics and Physics

Experience

- 2016–2017 **Master Thesis Intern**, *Open Systems AG, Zürich*.
Extracting Cyber Threat Intelligence from the Internet Background Noise. Master Thesis in the Industry involving Cyber Security and Data Analysis techniques.
[Summer jobs](#)
- 2012 **Cashier**, *Jumbo Markt AG, Yverdon-les-Bains*.
Take payment in exchange of items sold and also fill the shelves when needed.
- 2011 **Logistician**, *SBB-CFF-FFS, Yverdon-les-Bains*.
Inventory management including the insertion of the material in the inventory software (SAP) and the preparation of the orders for different teams on the site.

Languages

French	Mother tongue	
English	Professional working proficiency	B2 certificate
German	Professional limited proficiency	B2 certificate
Spanish	Professional working proficiency	
Hungarian	Elementary proficiency	

Computer skills

- High-level Java, some knowledge in C and Scala

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in [ThomasMizraji](#) • 🌐 [ThomasMizraji](#)

Scripting Shell, Python (Pandas and Matplotlib) and Perl general knowledge
Web some HTML, CSS experience
Database PostgreSQL, SQL, Django
Miscellaneous Android programming, \LaTeX , Microsoft Office, familiar with Unix and Windows environments

Projects

- 2017 **Master Thesis**, *Open Systems AG and EPFL (NAL)*, Supervised by Kirila Adamova, Andreas Jaggi and Pr Katerina Argyraki, Extracting Cyber Threat Intelligence from the Internet Background Noise.
Analysis of unidirectional unsolicited traffic and its sources to discover and gain insight into new cyber threats.
- 2016 **Master Project**, *EPFL (MMSPG)*, Supervised by Pr Ebrahimi Touradj and Lin Yuan, ProShare (Mobile Application for Privacy Protection on Android Platform).
Determine the take context of a picture and also its visualization context to protect privacy of the involved parties. Machine learning techniques involved.
- 2014 **Bachelor Project**, *EPFL (LIA)*, Supervised by Pr Boi Faltings and Dr Sujit Gujar, Securing auctions.
Reinforcing the security and confidentiality of second price auctions proving to all involved actors that they can be confident without revealing any information.

Interests and hobbies

I like any sports but I prefer football and motor sports. I enjoy tweaking all types of electronic devices from my smartphone to my gaming consoles and repair mechanic vehicles such as my scooter. I also like traveling and discovering new places.

References

Academia

- Pr Katerina Argyraki
katerina.argyaki@epfl.ch
- Pr Touradj Ebrahimi
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- Pr Boi Faltings
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Industry

- Kirila Adamova
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- Andreas Jaggi
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