



# Simon LUSSI

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5 July 1984

Swiss national

English / French

## Profile

Independent, fast-learning, autonomous and with a strong team spirit, I am eager to assume responsibilities and face new challenges in a dynamic environment where my intercultural education and international experiences will have valuable applications and will make a positive contribution.

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## Key skills

- **Build and run**

Application development, testing, training, production documentation, change support, user support and incident management, customer relationship management, service delivery.

- **Plan and manage**

Business/project plan development, requirement management and business analysis, budget forecast, application design, contract negotiation, test management, change management, process improvement and lean management, risk management, stakeholder management.

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## IT skills

- **Programming**

Full-stack development of web applications. Proven experience in programming languages: NodeJS, Visual Basic (VBA, VBS), SQL, T-SQL, PL/SQL, HTML5, CSS3, PHP, JavaScript, jQuery, Python, Objective C, C#, Visual .NET, Java, Bash scripting, R.

- **System and Software**

Windows XP/7/10/11, Mac OS X, Linux (Ubuntu/CentOS/Debian/Kali), Microsoft Office Suite (with advanced Macros), Reporting Tools (Jasper Report Server, Jasper Studio, Tableau, Crystal Report), Adobe Creative Suite, Metasploit framework.

- **General**

Computer and network security, cryptography, network protocols and systems, wireless communication systems, technology management, IT network design, IT cost analysis, microcontroller programming, application programming, web design.

- **Security**

OSCP certified (Offensive Security Certified Professional), Identity and Access Management, Passive/active information gathering, vulnerability scanning, buffer and heap overflows, use of public exploits, privilege escalation, client-side attacks (software/hardware based), web application attacks (SQL injections, local/remote file inclusions, cross-site scripting (XSS), cross-site request forgery (CSRF)), passwords attacks.

# Work experiences

## **Banque Cantonale Vaudoise, Market Risks – Prilly, Switzerland**

**2022-2022: Associate director – Finance and Risks applications analyst**

**2021-2022: Authorized officer – Finance and Risks applications analyst**

**2018-2021: Authorized officer – Operational applications manager**

Applications manager, then applications analyst for the market risks department. Development of new solutions, project management and IT support for the activities of market risks management, market compliance, collateral management, credit portfolio risks management.

Developments in HTML/CSS/JavaScript/jQuery, VBA/VBS, Batch scripting, C#, T-SQL, PL/SQL, Crystal Report and R.

## **Independent activity, Web design – Lausanne, Switzerland**

**2018-2021: Development and Maintenance of websites and e-commerce solutions**

Design and development of websites and e-commerce solutions, as an independent for several clients. Maintenance and update of the solutions.

Developments in HTML/CSS/JavaScript/jQuery, MySQL and PHP.

## **AdNovum Infomatique SA, IT Consulting – Bern and Lausanne, Switzerland**

**2017-2017: Professional Identity and Access Management Engineer**

Accompany clients in choosing a new IAM solution, analyse current environment, integrate the new solution, migration of identities and access rights, support.

Creation of complex reports on Jasper Studio with the integration of D3 visualization framework (Sankey Diagram, Google maps) and access to SQL databases and log files using Elastic Search.

## **UBS Switzerland AG, Commodity Trade Finance – Carouge, Switzerland**

**2015-2016: Associate director – Business project manager**

**2012-2015: Authorized officer – Business project manager**

Successfully managed the development, testing, delivery, change management and the support of a new IT solution for UBS Commodity Trade Finance. Level-1 and level-2 support to users for the new solution and regular contacts with the vendor for the level-3 support and the evolution of the solution.

Development and delivery of several VBA End-User Applications designed to automate redundant tasks and simplify daily work of staff.

Creation of reports on Jasper Report Server with access to the solution's database.

## **UBS AG, Wealth Management International – Geneva, Switzerland**

**2010-2011: Intern – Business Risk Support, Processes and Tools**

Conducted different risk support and risk management tasks for the Middle East, Asia Pacific, Israel and Africa markets. Created several tools in VBA to automate monthly risk reporting tasks.

**Various student jobs** – *Lausanne, Zinal, Signy and Crissier, Switzerland and Tokyo, Japan*

**2009-2009: IT assistance** – *Swiss Embassy of Tokyo*

**2008-2009: IT helpdesk** – *University of Lausanne (UNIL)*

**2007-2009: Head of IT** – *HEC Espace Entreprise association*

**2008-2008: Waiter and cook assistant** – *Hôtel-Restaurant de la poste Zinal*

**2001-2008: Cashier and customer service** – *Coop Supermarket*

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## Education / Certifications

**2017**

**Certification Offensive Security Certified Professional** – *Lausanne, Switzerland*  
**Offensive Security**

IT security and pentesting courses and exam to obtain OSCP certification (Offensive Security Certified Professional) delivered by Offensive Security.

**2011 - 2012**

**MSc in Information Engineering** – *Hong Kong, Hong Kong SAR (Living in Hong Kong)*  
**Chinese University of Hong Kong (CUHK)**

Computer and network security, Cryptography and information security, Advanced network protocols and systems, Computer networks, Client/Server information systems, Wireless communication systems, Technology management from a managerial perspective, IT cost analysis.

**Awards:** Information engineering academic excellence award, Dean's list.

**2007 - 2010**

**BSc in Economics** – *Lausanne, Switzerland*  
**HEC Lausanne Business School – University of Lausanne (UNIL)**

Macroeconomics, Microeconomics, Economics, Consolidated financial statements and external control, Cost accounting, Principles of accounting and management, General approach to management, Principles of Finance, Decision analysis, Organizational behaviour, Operations management, Risk management, Principles of marketing, Introduction to business law, Business Law, Statistics and applied econometrics, Statistics and econometrics, Statistics, Mathematics, Information systems, Notions and general principles of computer science.

**2009 - 2010**

**University Exchange in Japan** – *Tokyo, Japan (Living in Tokyo)*  
**Waseda University – Tokyo**

International economics and economic policy, New globalization after the financial crisis, Strategy and organization of firms, International finance and monetary system, International role of Japanese business, Econometrics, Topics in finance, Environmental economics, Programming for the web, Intensive Japanese.