Arthur Poulet
Computer Engineer

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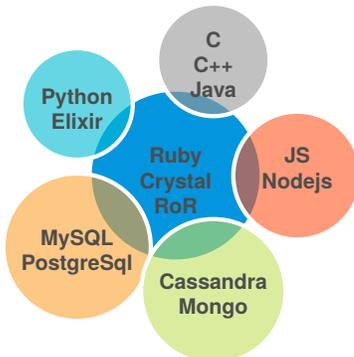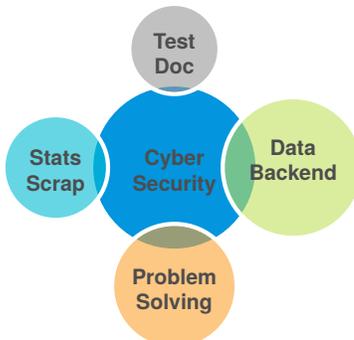arthur.poulet@sceptique.eu

Web & Git
sceptique.eu
github.com/Nephos

Programming

Skills

Experience

2017 – 2018	**Interim Developer**	Travel Planet, Paris FR

I've developed a NDC library and API in NodeJS (NDC is a data transmission standard for airlines and third parties).

2017 – 2018	**Cybersecurity Internship**	OnePoint, Paris FR

Security audit (ISO27002), GDPR reading.

2016	**Internship as teacher assistant**	Coding Academy, Paris FR

I've been a teacher for 6 months. A fairly good according to the students' feedbacks.
- Teach programming C, C++, PHP, Symfony 2, Ruby on Rails, MEAN, Git, Regexp;
- Write subjects and automated corrections;

2014 – 2016	**Developer**	Je rêve d'une maison, Paris

I wrote Ruby on Rails and Python applications.
- Write whole parts of an intranet;
- Write and debug scraping tools and scripts (over 200 websites handled);
- Proxy and network resources dispatcher;
- Big Postgresql database design (over 50 millions of lines) and Geographic visualization;

Education

2013 – 2018	**Master. Computer System Expert**	Epitech, Paris FR

Programming and Project management.

2016 – 2017	**Master. Computer Science**	U. of Kent, Canterbury UK

System Security.

About me

I'm a student in programming and project management at Epitech (FR), and I work on a graduation project about trading and big data. I've a master's degree at Kent University (UK) in System Security and worked on a master's thesis about computer worms. I experienced start-ups (scraping, web programming), web programming teaching, and cybersecurity audit. I'm also interested in AI programming even if I do not have a great experience in that kind of algorithms.

Preferences

I like "code review" to improve, optimize and secure the code. However, I keep in mind that it should not be the only goal to aim for. Thus, I prefer to write good code slowly rather than quick-and-dirty. I enjoy programming in Ruby or Crystal, but I also write code in Python, C, C++, JavaScript. I can also write code in java, Scala, Elixir, Rust, ASM, Erlang or other language, but I'm not much experienced with them. I've a good overview of the security issues, models and policies in network, system, cryptographic and organizational units. I prefer to use quick and light tools over heavy ones (Vim over IDE) and open source environments (GNU/Linux). I prefer GPL over MIT but I'm ok with both.

OS Preference

GNU/Linux ★★★★★
Unix ★★★★☆
MacOS ★☆☆☆☆
Windows ★☆☆☆☆

Languages

French ★★★★★
English ★★★☆☆

Tools

Git ★★★★☆
Atom ★★★★☆
Emacs ★★★★☆
Vim ★★★☆☆
GPG ★★★☆☆

Publications

Arthur Poulet, Thibaut Broggi
A modular worm malware developed for academic and study purposes
[...] In this project, we've built a worm, a malicious software that is capable of spreading over machines without human intervention, using documented and old vulnerabilities. This malware is able to hide himself from basic analysis and is a robust base to build stronger exploits and stronger protections against anti-viruses. It is a generic tool to analyse and understand worms better.

Honors & Awards

10/2017   **Distinction**
Master in computer science: system security.

Minor Experience

2015   **Freelance**   Puy du Fou, Paris
I configured and wrote some features on a prestashop website.

2011 – 2012   **Secretary of a local Sport Club**   USVEC TKD, Vaires sur Marne, FR
Webmaster and manager of all the internet resources of the association (documents, accountability).