



# Arthur Poulet

## Computer Engineer

### Address

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### Mail

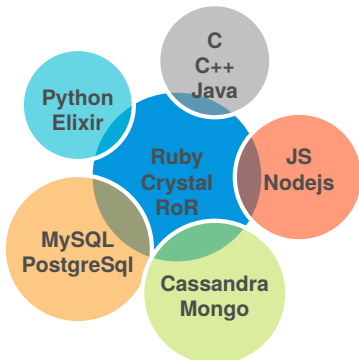
arthur.poulet@sceptique.eu

### Web & Git

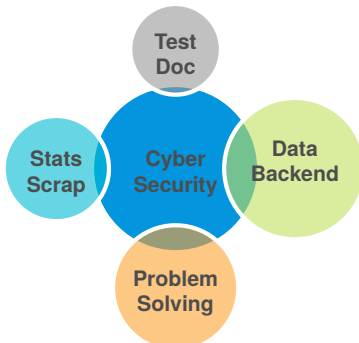
sceptique.eu

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).