

Pierre-Alexandre Veyry

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22 years old

Data Scientist at Arista Networks

Cursus

- 2012–2017 **Computer Science college**, SCIA major (*Machine learning, text mining, image processing...*), Le Kremlin-Bicêtre, France.
- 2014 **Exchange semester**, Stafford, United Kingdom.
- 2012 **Baccalauréat**, (*High School degree, scientific option*) with *Highest Honours*, France.

Experience

- 2017 **Software Engineer / Data Scientist**, Arista Networks, Dublin, Ireland.
Data analysis projects using Machine Learning techniques
- 2015–2017 **Teaching Assistant (YAKA/ACU)**, EPITA, Villejuif, France.
Teaching C++, JAVA, C, SQL, and UNIX to two years of 400+ third-year students
- 2015 **R&D intern (4 months)**, Aerys, Paris, France.
Research and development on Minko 3D engine (C++)
- 2014–2015 **Teaching Assistant (ASM)**, EPITA, Villejuif, France.
Supervising second-year students' C and UNIX practice sessions
- 2014 **Web development intern (2 months)**, SYDER, Lyon, France.
Developing various small web-apps

Projects

- 2016 **LyreLand**, Music procedural generator that learns from MIDI (Java8).
- 2016 **Spell Checker**, using a Trie compiler with strong performance and low memory usage (C++).
- 2016 **Barcode reader**, Barcode detector and reader (C++ with OpenCV).
- 2015 **Viola-Jones**, Parallelized Facial detection program (C++ with TBB).
- 2015 **Tiger Compiler**, Compiler for the Tiger Programming Language (C++ with Bison/Flex).
- 2014 **42sh**, Implementation of a UNIX shell (bash) (C).
- 2013 **OCR**, Optical Character Recognition program (OCaml).
- 2012 **Metastruggle**, Super-Smash-Bros-like 3D game (C#).

Technical Skills

Programming languages

Proficient C++, Python, C, JAVA, SQL, LaTeX, Go
Experimented PHP, JS, Matlab, C#
Beginner OCaml, Swift

Miscellaneous

Systems GNU/Linux, Mac OS X, Windows, BSD
Software Git, Vim, IntelliJ IDEA, Visual Studio, Blender, Photoshop, Cubase

Languages

French **Native speaker**
English **Fluent (TOEIC:980/990)**
German **Notions**

Interests

Music Piano (practiced for 13 years), Guitar (beginner), Computer music
Others Literature, Cinema, History