Avenue de la Gare 19E
1022 Chavannes-près-Renens
☏ +41 76 389 42 38
✉ julien@duvanel.ch
Single, 26 years old
Swiss

Julien Duvanel

Education

2012 – 2015   **Master of Science in Applied Mathematics**, *EPFL*, Lausanne.
Projects :
- *Applied statistics* under the supervision of Dr. D. Morton de Lachapelle, T. Lugrin and Professor A. C. Davison
- *Computation and application of a new model for multivariate extremes* under the supervision of Dr. J. L. Wadsworth and Professor A. C. Davison

2009 – 2012   **Bachelor of Science in Mathematics**, *EPFL*, Lausanne.
Projects :
- *Optimization of iterative methods for the resolution of linear systems on graphical unit (GPU)* under the supervision of Dr. P. Caussignac
- *Introduction to solitons* under the supervision of Professor J. Krieger

2008 – 2009   **Cours de mathématiques spéciales**, *EPFL*, Lausanne.
Preparatory year

2007 – 2008   **Professionnal maturity**, *École d'ingénieur*, Geneva.
Orientation : technical

2003 – 2007   **Apprenticeship in computer science**, *ICON SA*, Geneva.
Alternating between school and company

Programming Skill

Programming language   R, VB.NET, ASP.NET, SQL, Access, C/C++/C#, CUDA, OpenCL, (X)HTML, CSS, PHP, MATLAB, Joomla

Work Experience

jul. – sep. 2013 (100%)   **IT Developer**, *Vacheron Constantin*, Geneva.
Developing an extranet solution in PHP/MySQL

Since 2010 (30%)   **Teaching-assistant**, *EPFL*.
- Creating a project in C++/OpenGL for first year students in Mathematics/Physics
- Teaching-assistant in Analysis I/II, Geometry, Informatic I/II.

2007 – 2013 (30%)   **IT Developer**, *ICON SA*, Carouge.
Software development in VB.NET, Access, SQL. Development and maintenance of websites

2003 – 2007   **Apprenticeship in computer science**, *ICON SA*, Geneva.
Hardware repair, customer troubleshooting, on-site maintenance, software development (Access, VB, VB.NET, SQL) and websites

Language

French   Native language
English   Advanced level, C1
German   Scholar level

Hobbie and interest

Paragliding, squash, music, travel