Full-Stack Python Developer

Nicolas Barbey

Experience

Since 2015	**Developer**, *POM-Monitoring*, monitoring software, tests and build automation, SCRUM master.
2013-2015	**C/Linux Developer**, *Intersec*, software in C for mobile operators, Python tests.
2012-2013	**Image processing engineer**, *Solystic*, algorithmics, object recognition, machine learning.
2011-2012	**Embedded image processing engineer**, *DxO*.
2008-2011	**Postdoc: Space data processing**, *CEA/SAp*.
2005-2008	**PhD: Solar tomography**, *IAS/L2S*.

Skills

Languages	Python, C, Javascript, Haskell, PHP, bash.
System	Linux (Archlinux, Debian, Redhat), packaging.
Tools	Databases (PostgreSQL, SQLite), debugging (gcc/gdb, valgrind, strace, wireshark, sysdig).
Methods	OOP, functional programming, message passing, asynchron programming, REST.

Education

2006	**Engineer**, *Institut d'Optique Graduate School*, previously *Supoptique*.
	Master 2 optique et photonique, *Institut d'Optique Graduate School*.
2003	**Licence de physique fondamentale**, *Université Paris-Sud XI*.
2002	**Classes préparatoires**, *Louis-le-Grand*.

Languages

French	Native.
English	Fluent.

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