

Damien Desfontaines

Privacy Software Engineer; PhD candidate

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Born in 1992 in France



Education

- 2013–2014 **Mathematical logic and theoretical computer science *master* (LMFI).**
École normale supérieure, Paris – Passed with honors.
- 2012–2013 **Parisian Computer Science Research *master* (MPRI – First year).**
École normale supérieure, Paris – Passed with honors.
- 2011–2012 **Computer science *licence* (third year degree).**
École normale supérieure, Paris – Passed with honors.
- 2009–2011 ***Classes préparatoires* MPSI-MP*.**
Lycée Berthollet, Annecy – Admitted to the ENS in computer science, ranked 10th.
- 2009 **Scientific *Baccalauréat*.**
Lycée Vaugelas, Chambéry – International option in German, passed with honors.

Experiences

- 2014–today **Privacy Software Engineer, Google, Zurich, Switzerland.**
 - Building scalable privacy monitoring tools.
 - Undertaking privacy launch reviews for location-related products.
- 2014 **Research internship, Laboratoire Poncelet, Moscow, Russia.**
Approximation algorithms for the halting problem. [ICALP 2015 paper, journal version]
Supervised by Laurent Bienvenu & Alexander Shen.
- 2013 **Research internship, University of Auckland, Auckland, New Zealand.**
Probabilistic solution of the halting problem and applications. [Paper 1, paper 2]
Supervised by Cristian Calude.
- 2012 **Google Summer of Code internship, GeoGebra Institute, Linz, Austria.**
Implementation and optimization of an automated proving method in GeoGebra.
Supervised by Zoltán Kovács.
- 2011–2013 **Oral examiner, Lycée Louis-le-Grand, Paris, France.**
Training students of scientific *classes préparatoires* for oral exams in mathematics.

Skills

- Mathematics Set theory, model theory, algebra, statistics & probability theory.
- Computer Science Privacy threat assessment, industrial software engineering, calculability theory, data structures, lambda-calculus.
- Technical Java, Python, C++, Go, OCaml, UNIX tools, Javascript, \LaTeX .

Languages

- French Mother tongue. *Ranked second at the Dictée ECE 2013.*
- English Fluent. *Read, written & spoken.*
- German Intermediate. *Studied for 7 years.*

Hobbies

- Geeky Programming contests (silver medal at the ACM's SWERC 2013), tabletop role-playing games, NetHack, Dance Dance Revolution.
- Less geeky Cooking, bike riding, rock'n'roll dancing, skiing, swimming.