

# Antoine Amarilli

Born on February 7, 1990, in Colmar (68), France.

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France

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## Studies

- 2010– **Computer science master**, *École normale supérieure (Paris, France)*.
- 2009–2010 **Computer science licence (third year degree)**, *École normale supérieure*.  
Mention très bien (very good).
- 2007–2009 **Classes prépa MPSI-MP\*** (**prep school for the grandes écoles examinations**),  
*Lycée Kléber, Strasbourg, France*.  
Admitted to the *École normale supérieure* in computer science (placed second). Also admitted to the *École polytechnique*.
- 2004–2007 **Scientific Baccalauréat**, *Lycée international des Pontonniers, Strasbourg, France*.  
Mention très bien (very good).

## Experiences

- 2011 Internship at Google NYC supervised by Cyril Allauzen: MBR-based decoding for automated speech recognition.
- 2010 Internship at IRISA (Rennes, France) supervised by Éric Badouel: development of a modular attribute grammar editor in Python.
- 2008 Internship at Lilly, development of topic maps manipulation tools.

## Skills

- Scientific Data structures, complexity, formal languages, computability, computer logic, information theory, lambda calculus, NLP.
- Technical Unix-like systems, programming languages (C, Bash, PHP, OCaml, Python), webdesign (XHTML, CSS, XSLT, SQL),  $\text{\LaTeX}$ , Inkscape.

## Languages

- French **Mother tongue.**
- English **Very good level.** *IGCSE diploma, English international option for the Baccalauréat.*
- German **Understood.** *Studied as a second language for 10 years.*

## Interests

- Piano Piano lessons for 11 years, musical improvisation courses.
- Free software Free software advocate and user, Wikipedia contributor.

## Awards

- 2011 Silver medal at the SWERC (ACM ICPC selection contest for Southwestern Europe)
- 2008 Placed first at Prologin, the French national Computer Science contest
- 2007 First accessit of the Concours général in Philosophy (French high school national contest)