

# Julien Henry

Ph.D Student

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Born 23/09/1988  
French Nationality  
Driving license

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## Research Interests

- Program Verification
- Static Analysis by Abstract Interpretation and Decision Procedures
- Compilation

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## Education

Since 2011	<b>Ph.D student</b> <a href="#">Synchrone Team, Verimag Lab.</a> , Gières, France.
2011	<b>Master 2 Research MoSIG</b> <i>Distributed, Embedded, Mobile, Interactive and Parallel Systems</i> <a href="#">Grenoble-INP Ensimag</a> , France.
2011	<b>Engineer in Computer Science</b> <a href="#">Grenoble-INP Ensimag</a> , France.

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## Research Experience

February-June 2011	<b>Research Intern in Static Analysis</b> <i>Static Analysis by Abstract Interpretation and Path Focusing</i> <a href="#">Synchrone Team, Verimag Lab.</a>
February-May 2010	<b>Undergraduate Intern</b> <i>Bounded Model Checking by SMT solving</i> <a href="#">Synchrone Team, Verimag Lab.</a>
June-July 2009	<b>Intern at INRIA</b> <i>Implementation of an FTP transfer tool</i> <a href="#">Vasy Team, INRIA Rhône-Alpes.</a> , France

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## Teaching Experience

2012-2013

**Teaching Assistant**

*Language Theory and Compilation : lectures and tutorials*

[Grenoble-INP Esisar](#), France.

*Computer architecture : practical courses*

[Grenoble-INP Ensimag](#), France.

2011-2012

**Teaching Assistant**

*Computer architecture : practical courses*

*Databases : lectures and project supervision.*

[Grenoble-INP Ensimag](#), France.

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## Publications

International Conferences :

- Julien Henry, David Monniaux, Matthieu Moy. [Succinct Representations for Abstract Interpretation](#). SAS'12
- Nicolas Halbwachs, Julien Henry. [When the decreasing sequence fails](#). SAS'12

Workshops :

- Julien Henry, David Monniaux, Matthieu Moy. [PAGAI : a path sensitive static analyser](#). TAPAS'12

Other :

- Julien Henry. [Static Analysis by Abstract Interpretation and Path Focusing](#). Master's Thesis, Grenoble-INP Ensimag, June 2011
- Julien Henry. [Analyse statique par découverte de chemin](#). Journées Nationales du GDR GPL, June 2011.

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## Languages

French

Native

English

Intermediate : TOEIC 895/990

German

Intermediate

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## Extracurricular Activities

Sport

Cycling, mountain bike, tennis, cross-country skiing

Music

Guitar