

# Benoît Razet

INRIA Paris-Rocquencourt  
Date of Birth: January 8, 1982  
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## Education

B.S. Computer Science, University of Paris 6, 2003.

M.S. Computer Science, University of Paris 6, 2005.

Ph.D. Computer Science, INRIA, summer 2009.

## Research Fields

Automata theory, Eilenberg machines, Kleene algebras, functional programming, mechanized formal proofs, computational linguistics.

## Academic Experience

*University of Paris 6, Department of Computer Science*

Partial Evaluation, supervised by Marc Pouzet, Spring and summer 2004.

*INRIA Paris-Rocquencourt*

Modular Aums, Master Thesis supervised by Gérard Huet, March 2005 – September 2005.

Computing with Eilenberg Machines, PhD Thesis supervised by Gérard Huet, October 2005 – Summer 2009.

## Publications

*Publications in Refereed Conferences*

The Reactive Engine for Modular Transducers, in *Algebra, Meaning and Computation, Essays Dedicated to Joseph A. Goguen on the Occasion of His 65th Birthday*. Kokichi Futatsugi, Jean-Pierre Jouannaud and Jos Meseguer Eds, Springer LNCS 4060, pp. 355-374, 2006, with Gérard Huet.

Finite Eilenberg Machines in *International Conference on Implementation and Application of Automata, CIAA '08*, Springer LNCS 5148, pp. 242-251, 2008.

Simulating Finite Eilenberg Machines with a Reactive Engine in *Mathematically Structured Functional Programming 2008, MSFP'08*, to appear in Electronic Notes in Theoretical Computer Science, 2008.

## Talks

### *Conference and Workshop*

*International Conference on Implementation and Application of Automata, CIAA'08*, San Francisco, USA July 21, 2008.

*Mathematically Structured Functional Programming, MSFP'08*, Reykjavik, Iceland, July 6, 2008.

### *Tutorial*

*International Conference On Natural Language Processing, ICON'08*, Pune, India, December 20, 2008, with Gérard Huet.

## Professional Activities

### *Refereeing*

*36th International Colloquium on Automata, Languages and Programming. ICALP 2009.*

## Miscellaneous

### *Computer Skills*

OCaml, Coq, C, L<sup>A</sup>T<sub>E</sub>X.

## References

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