

Mathias Fleury

Studies

- 2013–2014 **Masters Degree in Computer Science**, *École normale supérieur (ENS) Rennes*, (Brittany extension, France), *M1*.
- 2012–2013 **Bachelors Degree**, *ENS Rennes*, (former ENS Cachan, Brittany Extension, France), *L3*, obtained with honors.
public institution of higher education and research, that recruits after a highly competitive national examination. Double degree in Mathematics and Computer Science.
- 2010–2012 **CPGE**, *Lycée Pierre-de-Fermat*, Toulouse.
A two-yr post-baccalauréat preparatory program for french “Grandes Écoles”
- 2010 **Bacalauréat scientifique**, *Lycée Théophile-Gauthier*, Tarbes, with honors.
French High School Diploma in Science

Experiences

- 2013 **SWERC**, *Participation*, (South Western Europe Regional Contest, qualifying for the ACM ICPC), honorable mention.
- 2013 **Formal Proof of Uno and Yagiura’s algorithm**, *Bin-Minh BUI-XUAN and Frédéric PÉSCHANSKI*, Lip6, Pierre-and-Marie Curie University (Paris).
The goal was to formalize Uno and Yagiura’s algorithm.
The aim is to find segments in a image of a list (like $(1, 3, 2)$ in $[5, 1, 3, 2, 4]$). After the proof of a naive version, the aim was to program the linear-time Uno and Yagiura’s algorithm.

Languages

| | | |
|---------|------------------------|-------------------------|
| French | Native-language | |
| German | Native-language | <i>German Mother</i> |
| English | Fluent | <i>Toeic 905 (2013)</i> |

Skills

- OCaml, C++, Java
- \LaTeX and Beamer
- Notions of Coq and Isabelle/HOL

Hobbies

- Horse riding
- Walking (in the mountains)

Referee

Thomas Genet, *Professor at Rennes University and working at the Celtique team at IRISA*, (Britanny, France).

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François Schwarzenruber, *Professor at ENS Rennes*, (Britanny, France).

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Frédéric Peschanski, *Research Scientist at Lip6, Pierre and Marie Curis University*, Member of the APR (Algorithms, Programs and Resolution) team.

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Bin-Minh Bui-Xuan, *Research Scientist at Lip6, Pierre and Marie Curie University*, Member of the APR (Algorithms, Programs and Resolution) team.

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