

Thibaut Marty

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🌐 <https://thibautmarty.fr> • 24 years old • French citizenship

Education

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| Université de Rennes I & IRISA - Cairn team <i>PhD candidate</i> | France 2017 – present |
| École Normale Supérieure de Rennes & Université de Rennes I <i>MSc in Computer Science with high honors</i> | France 2015 – 2017 |
| École Normale Supérieure de Rennes & Université de Rennes I <i>Magistère in Computer Science</i> Highly selective training | France 2015 – 2017 |
| Université de Rennes I <i>BSc in Computer Science with highest honors</i> Ranked: 1 st / 80 | France 2014 – 2015 |
| Supélec <i>Engineering school</i> Highly selective training | France 2013 – 2014 |
| Université d'Angers <i>Two-year university degree in Computer Science and Electronics with highest honors</i> (Major: computer science) Ranked: 2 nd , 1 st / ~80 | France 2011 – 2013 |

Experiences

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| Inria & IRISA - Cairn team <i>Research internship</i> Algorithmic level timing speculation for convolutional neural networks | Rennes, France February – July 2017 |
| IMEC <i>Research internship</i> Linking architecture and application level in neuromorphic computing | Leuven, Belgium May – August 2016 |
| Inria & IRISA - DiverSE team <i>Research project</i> Work on automating the task of inferring metamodels with machine learning techniques | Rennes, France 2015 – 2016 |
| Inria & IRISA - Cairn team <i>Research internship</i> Modify a dynamic run-time controller for mixed-critical systems running on a multi-core COTS | Rennes, France May – July 2015 |
| Ines RD <i>Internship</i> Create an embedded software for decoding serial buses based upon an open-source oscilloscope | Beaucouzé, France May – June 2013 |

Publications

Kritikakou, A., Marty, T., & Roy, M. (2017). DYNASCORE: DYNAmic Software COntroller to increase REsource utilization in mixed-critical systems. ACM Transactions on Design Automation of Electronic Systems (TODAES)

Skills

Good level: C, C++, Unix shells, OCaml, GNU/Linux (skilled), Git, Javascript, HTML, ...

Intermediate: Vivado HLS, Java, Ruby, Python, SQL, MATLAB & Octave, LaTeX, Docker, NixOS, Inkscape, Gimp, TikZ, ...

Basic level: Coq, Scala, VHDL, R, ...

Languages

French: Native

English: Good speaking and writing skills

Spanish: Notions

Russian: Notions

References

Steven Derrien: Professor at ISTIC, Université Rennes I, Rennes, France

Personnal interests

Science: Computer science and electronics enthusiast

Arts: Piano player since 6 years old

Sports: Sailing

Travelling: Poland, Belgium, Ireland, Brazil, England, Spain, Morocco, Scotland, Sweden, Italy