

Romain Bizzari

PhD student at CERFACS

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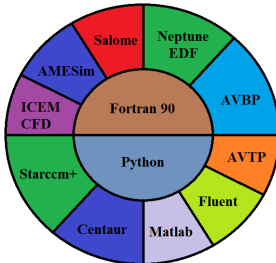
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Web

hmf.enseeiht.fr/travaux
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and
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/bei/beiep/2015-g09

Programming



OS Skills

Linux ★★★★★
Unix ★★★★★
Mac OSX ★★★★★

Languages

French ★★★★★
English ★★★★★
Russian ★★★★★
spanish ★★★★★

Experience

- 01/16 - 12/18 **PhD student at CERFACS** [Toulouse, France](#)
Large Eddy Simulation of conjugate heat transfer around a multi-perforated plate.
- 10/15 - 12/15 **Research engineer at CERFACS** [Toulouse, France](#)
Numerical simulations to the entrance of spatial fragments into the atmosphere.
- 03/15 - 09/15 **Internship at CERFACS** [Toulouse, France](#)
Theoretical and Numerical study of 1D and 2D detonations. Simulation of a real rotating detonation engine in 3D with complex geometry.
- 01/15 - 03/15 **Internship at IMFT** [Toulouse, France](#)
TFAST program, study of Shock Wave Boundary Layer Interaction.
- 06/14 - 09/14 **Internship at MAI** [Moscow, Russie](#)
Numerical study of liquid kerosene injection in a supersonic flow with Starccm+. Comparison with the experimental results.
- 07/13 - 08/13 **Internship at RENAULT** [Batilly, France](#)
Engineering at SOVAB, work on Catia: 3D conception, simulation of mechanic resistance and post processing.
- 08/13 - 09/13 **Summer job** [Conflans, France](#)
Windshield technician at "France pare-brise" (in charge of stock, responsible of documenting invoices).
- 07/12 - 08/12 **Summer job** [Conflans, France](#)
Windshield technician at "France pare-brise" (working in the workshop, dealing with customers).
- 08/11 - 09/11 **Summer job** [Public treasure, Briey, France](#)
Vacation job at tax office, classify records and cash checks.

Education

- 2014 - 2015 **Research Master's Degrees (DET)** [ISAE-SUPAERO, Toulouse, France](#)
Major Fluid Dynamics, Energetics and Transfers.
- 2012 - 2015 **Engineering Master's degree** [INP ENSEEIHT, Toulouse, France](#)
Department of Hydraulics and Fluid Mechanics.
Speciality in numerical fluid mechanics.
- 2010 - 2012 **Preparatory classes in PSI** [Lycée Henri Loritz, Nancy, France](#)
Two-year undergraduate intensive courses in Mathematics and Physics leading to competitive nationwide exams for entrance to state-run graduate engineering schools.
- 2007 - 2010 **Scientific Diploma.** [Lycée Louis Bertrand, Briey, France](#)
"Baccalauréat", French equivalent of High School diploma with Mathematics specialization passed with Distinction.

Interests

Play saxophone and drums. Dance (rock, salsa, west coast,...) and like to swim.

March 6th, 2016

Romain Bizzari