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Date of birth: 4th October 1990
Nationality: French
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PhD student in applied mathematics at Ponts ParisTech and ENS ULM

Academic career

- 2014-: PhD student at CERMICS (Ponts ParisTech) and DMA (ENS ULM).
Subject: Homogenization for traffic flow.
Research interests: Traffic flow modeling, viscosity theory Hamilton-Jacobi equations.
Supervisors: - Cyril IMBERT (cyril.imbert@ens.fr)
- Régis MONNEAU (monneau@cermics.enpc.fr).
- 2014-2015: Student at Ponts ParisTech Business School.
Certificate in “Cycle International Management”.
Content: ten weekends intensive courses taught by international experts in management, finance, accountings, entrepreneurship, marketing and strategy.
- 2013-2014: Student at ENSTA ParisTech (3rd year). Specialisation in “Modeling - Systems Simulation”.
MSc in “Numerical Analysis and PDEs”- Pierre and Marie Curie University.
Result: “Mention très bien”.
- 2012-2013: MSc in Applied Mathematics – Imperial College of London. Pass with distinction.
- 2010-2012: Student in applied mathematics at ENSTA ParisTech, (Institute of engineering education and research, “*Grande Ecole*”), founding member of ParisTech.
- 2008-2010: Preparatory classes for engineering schools: two-year undergraduate intensive course in mathematics and physics. Preparation for nationwide competitive exams at Lycée Condorcet.
Academic rank: 1st out of 40.

Research experience

- April-August 2014: Research assistant at CERMICS: “Viscosity solutions theory for Hamilton-Jacobi equations and traffic flow”.
Supervisors: Cyril IMBERT and Régis MONNEAU.
- February-August 2013: Research assistant at Imperial College: “On the b -family PDEs equations”.
Supervisor: Pr Darryl HOLM.
- May-August 2012: Research assistant at ENSTA ParisTech: “Bilaplacian with sign changes”.
Supervisors: Anne-Sophie BONNET BENDHIA-Lucas CHESNEL-Sonia FLISS

Teaching experience

- 2015-: Teacher in Paris Dauphine University (undergraduate level).
Subject: Real analysis, free and constrained optimization.
- 2011-2012: Mathematics and Physics examiner in preparatory classes at Lycée Condorcet.

Languages and computer skills

- French: Mother tongue.
- English: Fluent (TOEFL IBT – score: 101/120, TOEIC – score: 920/990).
- Spanish: Intermediate.
- Computer: Matlab and C, C++ languages.

Volunteer and leisure time activities

- Student associations: football, table tennis and karting.
- Secretary-General of the Paris-East PhD students' organisation.
- Event Planning: poker tournaments between engineering schools, scientific and business conferences.
- Free tutoring in Mathematics and Physics.