

Geoffrey Brandy

Graduate 1st year – French

Visiting scholar at CCRM , May 13 - July 21, 2013

Education

2013-2011 **École Nationale Supérieure de Techniques Avancées** – www.ensta.fr, is one of the French leading engineering institutions, member of **ParisTech**

SECOND YEAR : Major **Simulation and Engineering Mathematics**, take courses like Markov chains, Martingales and Stochastic Algorithms, Introduction to Stochastic Calculus, Stochastic Models for Finance : the discrete time case, Stochastic Models for Finance : the continuous time case, Introduction to environmental economics, Economics of energy, Differentiable Optimization, Discrete Optimization, The finite element method, Systems control, Numerical simulation, Functions of one complex variable

FIRST YEAR : took courses in **Mathematics** (Optimization, Dynamical Systems, Introduction to Probability and statistics, Elementary tools of analysis for PDE, Introduction to partial differential equations discretization) in **IT** (Signal processing, Digital and VLSI Design, Algorithmics and Programming, Computer Science), in **Physics** (Fluid and Solid Mechanics, Quantum and Statistical Physics) and in **Economics** (Introduction to Economics, Microeconomics, Macroeconomics)

2011-2008 *Classes préparatoires* at Lycée Chaptal, top-level preparation for the competitive entry examinations to the *Grandes Ecoles*

2008 *Baccalauréat scientifique*, school-leaving examination taken at a French High School - Science specialization, graduated with honors

Professional experience

2013 Research internship at the **Columbia Consortium for Risk Management** on jump diffusion stochastic processes mentored by G. Chichilnisky

2012 Corporate Relations Manager at the ENSTA ParisTech's **Student Office**, organization of events involving from 30 to 400 students and company representatives in various fields

Languages

French **native speaker**

English **fluent**

Spanish **good communication abilities**

IT Skills

System UNIX (Linux), Windows, Mac OS

Languages C, C++

Software Pack Office

Computation Matlab, Maple, LaTeX

Misceellaneous

Sport Climbing

Interests Literature and Architecture

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