

# Mathias Lecuyer

*PhD candidate in Computer Science*

## Education

- 2013–Current **PhD candidate in Computer Science**, *Columbia University*, New York.  
◦ Distributed Systems.  
◦ Advised by professors Augustin Chaintreau and Roxana Geambasu.
- 2011–2012 **Master of Science in Computer Science**, *Columbia University*, New York, *GPA: 3.90*.  
◦ Graduate research project with professors Augustin Chaintreau and Roxana Geambasu.  
◦ Teacher Assistant in Computer Networks, with Augustin Chaintreau.
- 2008–2011 **Ingénieur diplômé**, *Ecole Polytechnique*, Paris France, *GPA: 3.90*.  
France's top-ranking *Grande Ecole* for Science and Engineering.  
◦ Multidisciplinary training in Computer Science, Economics, Physics and Biology.  
◦ Major in *Computer Networks*.
- 2006–2008 **Classes préparatoires in Science**, *Lycée Louis-le-Grand*, Paris France, *GPA: 4.0*.  
After high-school, intensive two-year preparatory course in mathematics and physics for competitive entrance to France's leading schools of Science and Engineering.

## Academic Projects & Distinctions

- 2012–2013 **Magic Grant**, *Dispatch*, Brown Institute.  
Built and deployed a secure reporting tool for conflict areas. Worked in an interdisciplinary team advised by Augustin Chaintreau (Columbia CS), Susan McGregor (Columbia Journalism), and Chris Haseman (Tumblr).
- Spring 2012 **Graduate research project**, *Columbia University*.  
Decompiled Android applications and monitored network traffic to analyze cloud usage by applications. With professors Augustin Chaintreau and Roxana Geambasu.
- 2011 **Fellowship**, *Bourse Carnot*.  
Won the *Bourse Carnot*, an excellency fellowship for French students studying in the Unites-States, interested in Research and Entrepreneurship.

## Working Experience & Projects

- April 2013 **Freelance**, *Milky*, Paris, France.  
Built the second screen iOS application *Le Grand Journal* of the french TV Channel Canal+.
- 2009–2012 **Cofounder**, *Pionid*, Paris, France.  
Cofounder of the mobile and web startup [www.pionid.com](http://www.pionid.com). Currently a side project.  
◦ Developed the game Pixlife and the applications iBulb and QuickCall on iOS.  
◦ Built the group messaging app [mojogroups.com](http://mojogroups.com).
- Apr–Jun 2011 **Junior Consultant**, *Atos*, Paris, France.  
Junior IT consultant. Worked on an archiving solution as a service.

## Technical skills

Core	Objective-C (iOS), Python, JavaScript	Databases	CoreData, mongoDB, Redis, MySQL
Frameworks	tornado, node.js, express.js, socket.io	Basics	C/C++, Java, bash, lisp, Ruby on Rails

## Language skills

French **Native Language**  
English **Fluent**

*Toefl iBT: 107 & GRE verb.:640, quant.:770, reas.:4.0*

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