Eliott Tixier
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**Address and Contact**
This is the web version of
my CV so my contact info
are not visible for security
reasons. Please send me
an e-mail if you would like
to talk over the phone or
know my mailing address.

# Eliott Tixier
## PhD Candidate in Applied Mathematics

**About Me**  I'm currently a PhD candidate at INRIA Paris under the supervision of Jean-Frédéric Gerbeau, head of the REO research team, and Damiano Lombardi. My research topics cover scientific computing, inverse problems, machine learning and optimal design. I am currently looking for a job and will be available starting in January 2018.

## Education

**2014 - dec 2017, INRIA Paris - UPMC (Paris, France)**
Currently finishing my PhD programin in Applied Mathematics. Title: *Modeling variability and biomarkers design in cardiac electrophysiology* .

**2012 - 2014, École Polytechnique de Montréal (Montreal, Canada)**
M.A.Sc. in Mechanical Engineering

**2009 - 2012, École polytechnique (Palaiseau, France)**
B.Sc. and M.Sc. in Applied Mathematics and Mechanical Engineering

## Work Experience

**Sep 2014 - present, *Teaching Assistant*, UPMC**
Teaching Linear Algebra at Université Pierre et Marie Curie (Paris, France)

**Summer 2012, *Research Intern*, MIT**
Research internship under the supervision of Pr. Peko Hosoi at the Hatsopoulos Microfluidics Laboratory at MIT (Boston, USA). Worked on the design and modeling of a cheap irrigation device.

**Summer 2011, *Engineering Intern*, Enercal**
Worked as an engineering intern in a power plant at Enercal (Nouvelle-Calédonie, France (Pacific Ocean)). The internship consisted in defining and writing the technical specifications related to the enhancement of a gas turbine.

## Software Development Skills

**Programming**
- C/C++
- Python
- Matlab
- Fortran
- PHP/HTML/CSS

**Algorithms**
- Sci. Computing
- ODE/PDE
- Inverse Problems
- Machine Learning
- github.com/eltix

## Conferences and Publications

→ https://who.rocq.inria.fr/Eliott.Tixier/research.html

## Extra curricular activities

- "Une Grande École Pourquoi Pas Moi ?": teaching general knowledge to high school students from underprivileged backgrounds.
- Member of the student association organizing the annual welcoming seminar for new students at *Polytechnique.*
- Webmaster at Polytechnique Montreal's newspaper association.