

# Elie Michel

## École normale supérieure (Paris)

## Education

- 2014 - (2016) **M.Sc. in Computer Science, École normale supérieure (Paris)**  
Category theory, Computer Vision, Machine learning, Robotics, Software engineering, Quantum Computing.
- 2013 - 2014 **B.Sc. in Computer Science, École normale supérieure (Paris)**  
Algorithmics, Compilation, Formal languages, Lambda calculus, Hardware systems, Operating systems, Networks, Signal processing.
- 2011 - 2013 **Classes Préparatoires aux Grandes Écoles (MPSI, MP\*), Lycée Saint-Louis (Paris)**  
Admitted at the École Normale Supérieure in Mathematics, Physics and Computer Science, ranked 20<sup>th</sup>
- 2011 **Scientific Baccalauréat, Lycée Les Pierres Vives (Carrières sur Seine)**

## Experiences

- June - July 2014 **Research intern in Computer Graphics, Inria Grenoble, France**  
Procedural generation of terrain from simple vector map using plate tectonics and erosion simulation on GPU, supervised by Dr. Marie-Paule Cani.
- Since 2014 **Developer and UX designer of CitizenWatt, <http://citizenwatt.paris>**  
Electrical consumption sensor and easy-to-use data visualization interface, supported by Paris city hall.

## Other Skills

### Computer Programming

OCaml, C, C++, C#, Java, Python, MATLAB.  
Various programming paradigms and software architecture.

### Computer Graphics

UI Design, Vector and pixel graphics, 3D modeling.

### Web technologies

HTML, CSS, JavaScript, NodeJS, PHP.

### Languages

French (mother tongue), English (business level).

## Interests

### Internet and Indie Web

Self-hosted web services and linux server administration.

### Hacking

Member of the ENS *hack-lab*, hackEns (<http://hackens.org>)

### Sociology

Especially related to digital worlds

### Climbing, Mountaineering