

## Pierre Mourlanne

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<http://github.com/pmourlanne>

Nationality: French  
Date of birth: 5 March 1991

## EDUCATION

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- 2010 – 2014      **Master of Science (equivalent) at SUPELEC** (*Diplôme d'Ingénieur de l'Ecole d'Electricité*)  
**SUPELEC, Rennes (Cesson-Sevigné), France** (*Ecole Supérieure d'Electricité*)
- Chosen Specialization : Information Systems Security
- 2007 - 2010      **Post-secondary preparatory classes – Lycée Clemenceau, Nantes, France**  
(*Classes préparatoires aux grandes écoles - CPGE*)
- University-level courses required in preparation for competitive entrance exams into top graduate and engineering schools (France's *Grandes écoles*)
  - Major: Mathematics and Physics
- 2007      **High school diploma equivalent – Lycée N.-D. de Sainte Croix, Le Mans, France**  
(*Baccalauréat S, mention « Bien »*)
- Major: Scientific, with honors; specializations: Mathematics, Engineering

## PROFESSIONAL EXPERIENCE

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- Feb. 13 – Aug. 13      **Intern, Sketchfab, Paris, France**
- Backend Web Developement in a start-up. Used tools : Django, Celery, MySQL, Git, jQuery, Backbone, Pivotal
- Aug. 12 – Jan. 13      **Intern, SECLAB UCSB, Santa Barbara, United States**
- Research in Computer Security. Themes : Data Mining, Community Detection
- July 2011      **Intern, Renault (Car Manufacturer), Chassis Factory, Le Mans, France**
- Worked in a team on assembly line

## ACADEMIC PROJECTS

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- Feb. – June 2012      **IT Project, SUPELEC** : Vehicle Simulation applied to an online game (Matlab, Java)
- June 2011      **IT Project, SUPELEC** : Fluid Simulation using the Marching Cubes algorithm (Java, OpenGL)
- April 2011      **IT Project, SUPELEC** : Simulation of the N-body problem as an example of Chaos Theory (Java)

## FOREIGN LANGUAGES

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<b>French</b>	Mother tongue
<b>English</b>	Fluent (expression and comprehension level C1, CEFR)
<b>Spanish</b>	Intermediate (expression and comprehension level B1, CEFR)

## SKILLS

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<b>Subjects studied</b>	Signal Processing, Electricity, Electronics, Probabilities, Statistics, Linear Programming, Markov Chains, Computer Architecture, Computer Network, Game Theory
<b>IT</b>	Languages, Frameworks: Python, Django, Javascript, C, C++, JAVA, SQL, Matlab, Maple Applications development in UML

## INTERESTS

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Member of SUPELEC's Debating Team  
Web Security and Privacy  
Baseball, English literature, adventurous cycling