

Pierre Mourlanne

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Nationality: French
Date of birth: 5 March 1991

EDUCATION

- 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

- Feb. 13 – Aug. 13 **Intern, Sketchfab, Paris, France**
- Backend Web Development 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

- 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

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

SKILLS

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

INTERESTS

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