

Adrien Bennetot

AI and Robotics Engineer

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23 years old - Driver Licence - French

Education

- 2017 – 2018 **Master 2 Advanced Systems and Robotics**, Sorbonne Universités - Université Pierre et Marie Curie - Mines ParisTech - École Nationale Supérieure d'Arts et Métiers - ENSTA ParisTech.
- 2016 – 2017 **Master 1 Advanced Systems and Robotics**, Sorbonne Universités Université Pierre et Marie Curie (UPMC).
- 2013 – 2016 **Bachelor of Sciences**, Sorbonne Universités - UPMC.
Major: Engineering
- 2012 – 2013 **French secondary school diploma with honors**, Lycée Lyautey (Casablanca, Morocco).
Major: Science and Maths

Work Experience

- Feb. 2018 to Aug. 2018 **Internship**, Institut des Systèmes Intelligents et de Robotiques (ISIR), Open-ended learning in robotics with evolutionary methods for object manipulation and bridge the reality-gap.
Skills developed: C++, Python, Arduino, Machine Learning (Genetic Algorithms), Linux.
- Aug. 2017 to Jan. 2018 **Master project - Learning on a NAO**, Implementation of the game "Hanoi Towers" with graphic user interface, communication between the player, the game and the robot. Integration of a model of gestures imitations for the robot and evaluation of the imitation. Automatic resolution of the game by the robot..
Skills developed in Onboard Electronics, Machine Learning for computer vision (Unsupervised Learning).
- June 2017 to Aug. 2017 **Internship**, ISIR, Modeling and autonomous control in simulation of a quadricopter during normal operations and the loss of one or two rotors in Matlab - Simulink (failsafe strategy).
Skills developed in control and modeling of drones
- April 2015 to May 2017 **President and co-founder**, Pierre et Marie Cu Entrepreneurs Club, Creation and presidency of a student association that promotes entrepreneurship on the campus of Université Pierre et Marie Curie and that accompanies students carrying projects in the creation of their start-up. Worked with the public and private ecosystem of Paris.
Skills developed in oral speaking and management (team of 20 volunteers);
- June 2015 to Sept. 2015 **Intern in Informations Systems**, Société Générale, La Défense.
• Implementation of the Intranet of the Research and Development Section (Jive)

Skills

- Programming Python, C++, Matlab
Tools Linux, ROS, Arduino, LaTeX
Software Simulink, Gazebo, SolidWorks, Adams, Blender
Language French : Native, English: Business Fluent