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| **Fabien SANTOS-CESSAC** | **E-Mail:** [mr.fab@live.com](mailto:mr.fab@live.com)  **Mobile:** (+33) 07 70 30 37 54  **Address:** 1 Pinpin, Route de Saillans,  33126 Fronsac, FRANCE  **Address:** Flat 4A, Tower 5, Hoi Ning Court, South Horizons, Ap Lei Chau, HONG KONG |

OBJECTIVES

**An Internship in the Engineering profession**

To gain exposure and experience to be able in the future to research and design the technology of tomorrow.

**Further Studies**

To gain knowledge and experience related to Robotics and Embedded Systems.

PERSONAL DETAILS

**Nationality:** French

Permanent Hong Kong resident

SKILLS

**Spoken & written Languages:**

* + English (Native)
  + French (Native)
  + Spanish (good)
  + Mandarin (intermediate : 700 Written characters)

**Computer skills:** Microsoft Office, Arduino, MP Lab, Xilinx ISE, Cadence, Design Spark PCB, Proteus, MatLab, Visual Studio, Eclipse, Adobe Photoshop, Pinnacle/Avid studio

**Programming languages:** C, C++, Java, Python

EDUCATION

**Electronic Engineering Diploma** (September 2014 – Present)

ENSEIRB Matmeca, Institut Polytechnique Bordeaux

**Double Degree in Business Administration & Engineering** (completed in December 2013)

The Hong Kong Polytechnic University

* Awards:
  + Bachelor of Engineering (Hons) in Electronic & Information Engineering
  + Bachelor of Business Administration (Hons) with a major in Management
* Major Subjects**:** Interface & embedded systems, Integrated Project, Computer Architecture and Systems, Strategic Management, Management Accounting
* Other Subjects**:** Elementary Chinese 2, Chinese Communication Skill 1 & 2, Environmental Management for Business
* Final-Year-Project**:** Embedded Systems for Robocon 2013 (design and construction of 2 robots for competition). Result: 4th place out of 10 in the “Robocon Hong Kong Contest 2013” for RTHK (Radio Television Hong Kong)

**General Baccalaureate (Scientific section)** (June 2009)

-The French International School, Hong Kong (French stream)

WORK EXPERIENCE

**Junior Engineer**, Hanson Robotics, July 2015 - August 2015

* + **Duties:** Designing humanoid robots, sourcing parts.
  + **Achievements:** Managed to cut down card dealing time and improve accuracy for a humanoid croupier robot. Designed Arduino-based system to control toy-scale robot's hardware.

**Junior Engineer**, Hanson Robotics, May 2014 - August 2014

* + **Duties:** Designing/building/repairing humanoid robots.
  + **Achievements:** Repaired a “Zeno” class walking humanoid robot, created a functional prototype of a multi-servo current sensing board, helped to build the “Arthur” prototype life sized humanoid robot head.

**IT Manager**, Andes Art Company Limited, April 2012 - May2014

* + **Duties:** Managing the company's Website, Youtube and Facebook pages and the office computer-network.
  + **Achievements:** Created the company's Youtube channel, increased the company website's search ranking on "Google", linked the customer database to the local network, and designed the company's latest brochure.

OTHER SKILLS AND HOBBIES

**Electronics:** I have built a remote controlled hexarotor, quadrotor and Hovercraft. I am currently working on an assisted-flight system that automatically aids the user in avoiding obstacles such as walls, the ceiling, the floor, pedestrians.

**Strolling Diabolo Artist** in Ocean Park for opening of Aqua City, Halloween at Discovery Bay and several children's birthday parties.

**Sports:** Parkour, Trampoline, Acrobatics, Rock Climbing, Aggressive in-line skating.

Academic transcripts and references available upon request.