

Samuel Thirion

10.05.1997

French

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Objectives

Currently second year student at Ecole Polytechnique, I am looking for a 3-month internship from June to August.

Languages

French Native speaker
English Fluent
Spanish Intermediary
German Conversational

Software qualifications

Advanced Proficiency Python, Java, Office
HTML, CSS, PHP, MySQL

Education

Ecole polytechnique – Leading French engineering school

2017 – 2021

Master's degree in engineering and sciences

- o Computer sciences
- o Design and Analysis of Algorithms
- o Fluid mechanics
- o Quantum physics
- o Continuum mechanics
- o Corporate economics

Preparatory classes of Stanislas – Paris

2015 – 2017

Intensive and competitive program to enter top engineering schools. Study of mathematics, mechanical engineering and physics.

Freppel highschool

2012 – 2015

Baccalaureate in sciences (equivalent to science A-level), rewarded with first class honours and jury's congratulation with 19.5/20

Experience

Conception of a CubeSat – IonSat

09.2018 – Present

2nd year student project : IonSat aims at being the first nanosat propelled by an ion thruster. **Student manager of the AOCS team** (attitude and orbit control system) : study of trajectory and detumbling.

Preparatory school examiner in physics

09.2018 – Present

Training students to pass the national competitive examination after two years of preparatory classes.

Immersion in the French police forces as an army officer – internship

10.2017 – 04.2018

Part of the personal development plan of the Ecole polytechnique. Involved in the reorganisation of different services, first experience of **team management**, immersion in both the commanding part and the executive.

Summer work – chain-store executive

07.2014 – 08.2014

Managed inventories and deliveries from suppliers.

Skills and qualifications

- o Demonstrated **project management skills** during the internship
- o Proven **leadership** during the conception of IonSat
- o **Work efficiency** within tight time constraints
- o Substantial **aerospace culture**

Other interests

Programming

2018 : member of the Ecole polytechnique network association – **web development**

2013 : creation of a functional handwritten website implementing an administrator interface

Sports



Skydiving



Motorbike riding



Swimming team