Pierre POTEL

Engineering student at ENSTA Paris

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Assets

· Creative
· Adaptable
· Passionate
· Autonomous

Spoken languages

French

English

Spanish

Japanese

Certification

· TOEIC Listening and Reading 980/990

Looking for a 6 months internship in Computer Science starting in September.

Education

2019-Now	ENSTA Paris student (Top French engineering school) Master's Degree in Computer Science.
2017-2019	Undergraduate studies at Saint-Louis High School, Paris Two years of intensive training in Mathematics, Physics, Mechanical Engineering, Programming and Chemistry to prepare for nationwide competitive entry exams to engineering schools.
2014-2017	High school Diploma in Science with Honours, At Van Dongen High School, located in the suburbs of Paris.

Work Experience

2021	Research Intern, University of Oslo RITMO lab 3 months research internship developing and implementing rhythm detection and generation on a swarm of musical robots. I designed a robot simulator in Unity to test my algorithms and these algorithms will then be implemented on physical hardware.
2020-2021	Tutor, Alveus Tutoring in science for groups of 3 to 4 students (in middle school or high school) and personal coaching during 2 hour sessions. (≈200h given in total)
July 2017	Summer Job, HSBC Summer internship in HSBC's Association division where I completed several administrative tasks.

Projects

2020-2021	Drone display Team project : Our main goal is to create a light show using a swarm of drones equiped with LEDs displaying 3d shapes in the night sky. I am the project manager for this team of 8 students and work on trajectory planning and control of the drones.
2020-2021	Fractal generator based on genetic programming Designed a software in Python which helps artists create beautiful Julia fractals taking the artists own preferences into account.
2018-2019	Stabilizing walking : tail pendulum Scientific project consisting of stabilizing a biped robot's walk using the inertia of a cybernetic tail.

Skills

Computer languages

Python, C++, C#, C, Java, Arduino, Matlab, SQL.

Softwares

SolidWorks, Microsoft Office, Photoshop, Premiere Pro.

Miscellaneous

Sport : volleyball, badminton

Hobbies : photo and video editing, mix, DIY, videogames

Student activities : (2019-2021) DJ at SONO, ENSTA's student association of DJs.