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< driving licence >

Pierrick MADE



Born : 19/09/1999

Research IT internship

Image processing BAC +4

EDUCATION

Since September-2017

EPITA INTERNATIONAL - *Engineering school - 4th year* - Kremlin-Bicetre, France

- Specialized in IT with all courses in English
- Assistant teacher OCaml and C# for preparatory classes

January-2019 - June-2019

OXFORD BROOKES - *Computer science* - Oxford, England

- 6-month university exchange (Erasmus)
- Modules: Web Applications Development / Databases / Mathematics, Numerical Analysis / Academic English

SKILLS

Computer science

PROGRAMMING LANGUAGES

Advanced-----C / Bash / Java / C++ / Python
Good level----C# / HTML/CSS / SQL / JavaScript
Basics-----OCaml / LaTeX / PHP

SPECIALIZATION

Image processing, analysis and synthesis

TOOLS

Visual Studio / Vim / Git / Shell / Office / ...

Human

LANGUAGES

- French----- (Mother tongue)
- English----- (TOEIC : 960/1000)
- German ----- (Bases)

ASSETS

- Organized & Proactive
- Autonomous & Respectful
- Motivated & Open-minded

WORK EXPERIENCE

June-2018 – September-2018

IMAGE PROCESSING INTERNSHIP - Setting up automatic processing and sorting of photos (*TimeLapse Go*)
Objective : detection of blurry, unusable or obstructed images.
Tools used : Bash Shell, Python, OpenCV, SQL, AWS

PROJECTS

2020	JPEG -----	Re-creation of the JPEG compression format (<i>Python</i>)
2020	CHESS ENGINE -----	4-person project of an engine and AI to play chess (<i>C++ / Python</i>)
2020	REST API -----	Creation of an API with database (<i>JAVA / SQL</i>)
2020	HTTPS SERVER -----	Creation of a secure web server (RESTful) (<i>C++ / Python / JSON</i>)
2019	SHELL -----	Creation of a shell (POSIX) as a team (<i>C / Bash / Python</i>)
2019	OCR -----	Optical character recognition software (<i>C</i>)
2019	WEBSITES -----	Creation of various websites (<i>HTML/CSS / JS / XML / PHP</i>)
2018	UNITY PROJECT -----	Creation of a team video game over six months (<i>C# / LaTeX / Unity</i>)
2016	FRANCE-IOI -----	French computer science competition for students (<i>C++</i>) (<i>19th / 31 000</i>)
2014-2015	MATHEMATICS -----	Mathematics challenge of the academia in teams :
	OLYMPIADS	<i>3rd / 971</i> (in 2014) & <i>12th / 1316</i> (in 2015)

INTERESTS

- Ski (competition) / Windsurfing / Dance (rock)
- Roller skating / mountain biking / climbing / hiking
- Photography
- Music (Folk / Rock / Punk)