

CONTACT

✉ quentindinel@yahoo.fr

📍 Kabosy

in quentin-dinel

☎ +33 (0)7 83 18 02 76

🚗 Driver's Licence

SKILLS

Python, MySQL, Git

Javascript, Agile, R

PHP, Java, C

LANGUAGES

French : Native Language

English : Bilingual

Spanish : Advanced

Japanese : Beginner

HOBBIES

CodinGame

Top 2% Global
Top 0.5% Clash of Code
Python Certification 100%

Manga

Passionate reader of Naoki Urasawa and Inio Asano
Co-author of a manga podcast episode of the Amigara Fault by Junji Ito

Video games

Active participant to the Rocket League e-sport ecosystem

Optimization and automation of a production line in the Factorio game
The Factory Must Grow !

QUENTIN DINEL

Machine Learning graduate seeking a job opportunity as a Data Scientist or Machine Learning Engineer ideally in healthcare, pharmaceuticals or the space industry. Willing to work in France or abroad.

WORK EXPERIENCE

Short-term mission, Ascendances Flight Technologies, Toulouse (France)

04/24 - 05/24

Tools: Javascript, AppScript, GoogleForms, GoogleSheets, GoogleDocs

Developed a chain of approval mechanism using mail following the completion of a Google forms under travel policy guidelines. Automatic Google Docs self referencing and document type selection according to Google Form answers.

Research Intern, SAFT, Bordeaux (France)

03/23 - 09/23

Tools: PyBaMM, Python, Jupyter, CNN, RNN, scikit-learn, pandas

Fast parameter estimation of various electro-chemical models from a lithium-ion battery using artificial intelligence

Developer Intern, Edda, Koerich, (Luxembourg)

05/21 - 08/21

Tools: WordPress, PHP, Javascript

Made a PHP plugin from scratch for logged in customers in an online IT Magazine called ITNation. Support to the UI/UX team using Javascript scripts.

PROJECTS

Travelled to the USA

10/23-04/24

6 months in Pennsylvania, Philadelphia

Personal project.

2D Image Segmentation using unsupervised learning in Pong (Atari)

2023

Tools: Double-DIP, Python, Gym, CNN

Simplify Double-DIP technology to use in 2D image segmentation and run a reinforcement learning agent to play the game.

FIFA 22 Data Mining

2022

Tools: SoFIFA, Python, Jupyter Notebook, Kmeans, pandas

Data analysis and cleansing. Clustering to determine player price and rating driving factors.

Research assistant, Algomus, Lille (France)

03/22 - 05/22

Tools: Schubert Winterreise (SWD), Weimar Jazz (WJazzD), Dezzrann

Music partition analysis in algorithmic musicology. Use of a neural network to attempt a beginning-of-staff chord prediction.

EDUCATION

Master - Machine Learning **University of Lille (France)**

2021 - 2023

High Honours : [Link](#)

Thesis: Recognising Patterns in Chemical Compounds : Deep Learning Approaches. ([Link](#))

Courses studied at bit.ly/ulille_ml_courses

Bachelor - Computer Science **University of Lille (France)**

2020 - 2021

Deepening my knowledge in computer science as well as exploring options for the masters degree.

Associate - Computer Science **IUT A of Lille (France)**

2018 - 2020

Discovering computer science and grasping its fundamentals.