JÉRÉMY CHASSIN

MACHINE LEARNING ENGINEER

"After 12 years in software development during which I have honed my skills in developing robust software solutions, I have decide to specialize in the exciting world of machine learning."

AVAILABLE NOW

CONTACT

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PASSTIME

SPORTS
Surfing & Boxing (amateur competition)

TRAVELS
New Zealand, United States, Japan, Croatia, Greece, Italy, Hungary, Spain, England, Scotland

SKILLS

Cloud Computing
Azure, DevOps, Colab, Google Run, Firebase

ML Frameworks
XGBoost, Tensorflow, Scikit Learn, HuggingFace, LangChain

ML Ops
TFX

Backend
Python, pandas, BigQuery ML, C#, .Net, .Net Core

Frontend/UI
Angular, ASP .Net, ASP, Javascript, Typescript, HTML 5, CSS3

Databases
SQL Server, PL SQL, PostgreSQL, MySQL, Azure Table Storage

ETL
SSIS, Talend

IDE
Visual Studio / Code, Unity

Source control
GIT, TFS

System
Windows Server, IIS, Linux

SOFT SKILLS

#Adaptability
#Make it Work
#Detail-oriented
#Synthetic thinking
#Team player
#Quick learner

LANGUAGES

ENGLISH
C1 LEVEL (Autonomus)

SPANISH
B1 LEVEL (Intermediate)

EDUCATION

MACHINE LEARNING ENGINEER
October 2022 to June 2023

OpenClassrooms, Online Training
Master degree level

INTERNATIONAL BUSINESS ENGINEER
September 2008 to August 2011

ITIN - CCIV, Cergy Saint Christophe
Master degree level - (English curriculum)

HIGHER TECHNICIAN - COMPUTER SCIENCE
September 2006 to August 2008

Lycée Jean Jacques Rousseau, Montmorency
Higher Technician Certificate

PROFESSIONAL EXPERIENCE

MASTER ML ENGINEER,

OPENCLASSROOMS- ML ENGINEER COURSES
October 2022 to June 2023 (8 months)

ML Ops: TFX - classification pipeline **[Tensorflow].**
LLMs: Q&A on my CV and Chatbot generalist **[OpenAI, Dolly, Langchain, HuggingFace].**
     Serving: Visit my website - **https://jeremy.chassin.dev.**
Food Facts: EDA, multivariate, dimensionality reduction to determine the impact of sugar and fat on Nutriscore **[Scikit-learn].**
CO2 building performance: EDA, training, prediction of energy score for a building **[Scikit-learn, KRR, Linear Regression, KNN, Lasso, XGBoost].**
Customer segmentation: RFM, Churn: unsupervised learning + segmentation stability over time **[K-means].**
     Serving: Add the score to the original dataset ready to be used by APIs.
Stack Overflow post categorization: Embedding-based, multiclass classification, model transformers **[BERT vs. LDA, TF-IDF, doc2Vec].**
     Serving: API and web app **[StreamLit].**
Image classification and performance improvement: Image classifier and performance improvement with dataset augmentation. CNN from scratch, pretrained model and increase of the dataset by cropping images interesting parts **[DataDen, TensorFlow Keras, ReseNet, YOLOv8].**
     Serving: Python application for inference **[Tkinter].**

SENIOR CONSULTANT,

EXAKIS-NELITE, BIARRITZ
May 2016 to April 2022 (6 years)

Architecture and development:
     Chatbot platform **[LUIS.ai, Bot Framework, .Net Core, Azure].**
     Airport & aerospace solutions **[Angular, Typescript, .Net, Oracle, PostgreSQL, SSIS, SSRS, Talend].**
Pre-sales Engineer: Creating commercial proposals, responding to software package management bids (est. 250 man-hours).
Software development project management: 40 hours to 120 hours, managing teams of 2 software engineers.
Maintenance and evolution: Airport management, aerospace, and silicone machining software.

DATA ENGINEER,

SB CONSULTING, PARIS
September 2015 to April 2016 (8 months)

Data engineering, architecture, and development: SB Lawyer, an ERP system for managing lawyers' business, using ETL, MS Dynamics, and SharePoint.
Pre-sales Engineer: Technical reference for the sales team.

SOFTWARE ENGINEER,

Sopra Steria, Vélizy
October 2011 to September 2014 (3 years)

Maintenance, evolution, and on-call support: Airport management software for international airports (Paris, Lyon, Mulhouse, Bristol, Nantes, Bordeaux).

TECH. PROJECT MANAGER, (APPRENTICESHIP)

TraceOne, Paris
September 2008 to September 2011 (3 years)

BI, Data engineering, maintenance, evolution, training, and project management: Microsoft CRM 3.0, Microsoft Dynamics, SharePoint 2007, ETL, ERP.