

∇Excelsior

ANTHONY BIEL

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. **Projects** : www.anthonybiel.ai/projects



ABOUT ME

Young man of 24 years old, passionate about intelligence in its entirety. I love to learn, understand and evolve. My mantra is ∇Excelsior (which means "ever upward"), the nabla symbol is a reminder of the calculus gradient that supports the importance of working smart, and Excelsior supports the importance of consistency and discipline.

PROGRAMMING LANGUAGES

Python, R, Java, Javascript.

Tools

Git, Linux, VSCode, AWS, Linode, Flask, BeautifulSoup.

DATA SCIENCE FRAMEWORK/LIBRARIES

NumPy, Pandas, scikit-learn, SciPy, PyTorch, spaCy, Seaborn.

LANGUAGES

FRENCH - C2
ENGLISH - C1 → C2

OTHER PERSONALS INTERESTS

Problem-solving, neuroscience, psychology, philosophy, history of science.

EDUCATION

Montpellier
2019-2023

● Data Science - Machine Learning

2019-2020 **Software Engineering**

BeWeb - Software Designer and Developer.
(Java, Spring, Angular, HTML, CSS, SQL)
MIT - 6.00 Introduction to Computer Science and Programming.
Brilliant.org - Computer Science Fundamentals, Algorithms, Data Structures.

2019-2021 **Mathematics**

Calculus

Brilliant.org - Calculus I, Calculus II, Calculus III.
MIT - 18.02 Multivariable Calculus.

Linear Algebra

Brilliant.org - Introduction to Linear Algebra, Linear Algebra with Applications.
MathTheBeautiful - Linear Algebra [Part 1,2,3 and 4].

Statistics and Probability

Brilliant.org - Applied Probability, Random Variables & Distributions, Statistics Fundamentals, Statistics I.
Harvard University - Statistics 110.

2021-2023 **Data Science / Artificial Intelligence**

Data Science

Johns Hopkins University - Data Science Specialization.

Machine Learning

Stanford - Machine Learning CS229.
(<https://github.com/Excelsior7/StanfordCS229>)

Deep Learning

d2l.ai - DIVE INTO DEEP LEARNING.
(<https://github.com/Excelsior7/DIVEINTODEEPLARNING>)
Stanford - CS231n: Convolutional Neural Networks for Visual Recognition

NLP

Word2vec (Skip-Gram, CBOW), Negative Sampling, Hierarchical Softmax, GloVe, fastText, BERT, CLIP.

IN PROGRESS

I2MC
Montpellier
2018-2019

● Technical sales negotiator

Prospecting, customer development, customer follow-up, organization, development and negotiation of commercial offers.

SWE PROFESSIONAL EXPERIENCES

● Freelance Software Engineer

(2020) **Design, development and implementation** of a **cash register software** and printing management (personalized receipt), for the restaurant Nuances (34130).

KAGGLE COMPETITIONS

● Playground Series - Season3, Episode 5.

Ranking: 9th out of 901.
(www.kaggle.com/competitions/playground-series-s3e5/)

Notebook solutions available on the Projects page of my personal website.