



# Louis Van Langendonck

AI Engineer and Data Scientist

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## Personal Profile

I am an international computer science student intrigued by AI and Data Science. I am currently looking to further extend my knowledge by pursuing both industrial and research opportunities.

I particularly enjoy the mathematical structures at the root of modern techniques like deep learning and distributed systems. Next to the topics covered in my education, I enjoy personal coding projects like webdesign and AI applied to art.

## Education

**2018 > 2021 BA in Physics and Astronomy:** Free University Brussels (VUB): Magna cum laude - GPA of 80%

**2018 > 2021 Msc in Data Science:** Universitat Politècnica de Catalunya (UPC): Current average of 8.65 out of 10

## Technical Skills

**Programming Languages:** Python, R, Javascript

**Distributed Processing Tools:** Spark, Pregel, ...

**Data Management Tools:** SQL, library of NoSQL tools including Graph Processing (MongoDB, Hbase, GraphDB, Neo4J, ...)

**Applied Mathematics:** probability and statistics

**Machine Learning:** Algorithms and Libraries including Deep Learning

## Research Interests

**Deep Learning:** Architecture and application of modern deep learning techniques like transformers and convolutional neural networks.

**Applied Statistical Modelling:** Design and analysis of statistical models for various possible applications. Subject areas of particular interest are Ecology and Physics

## Experience

Worked as a Private Math Tutor. During my Physics BA Degree,

I was student representative in the faculty commission as well as part of the Education Council.

## Language Skills

English



Dutch



French



Spanish

