

# João Luis Prado Vieira

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Brazilian, guaranteed work permit (residence permit sponsorship not required)

## Personal statement

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I am a Data Science/Financial Engineer on the verge of graduation, with a diverse background, including metals, semiconductors, econometrics and finance. I have strong academic results and a solid technical background on finance and data science.

## Recent employment history

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Master thesis Engineering Intern – Logitech Feb. 2024 – Aug. 2024

- Worked on the deployment and benchmarking of computer vision models in embedded systems, with a focus on model compression for efficient inference in memory constrained hardware.

Student assistant - Service Desk EPFL (1234) – EPFL Mar. 2021 – Feb. 2024

- Provided 1<sup>st</sup> level ITIL support on all IT infrastructure and services of EPFL, including ERP and data warehousing and business intelligence systems.
- Trained new hires and participated in the conception of continuous training modules.

Student assistant – Various courses – EPFL Sept. 2023 – Jan. 2024

- Answered questions, corrected graded exercises and produced teaching materials for multiple bachelor and master courses, including Mathematical Analysis I, General Physics I, Foundations of Data Science.

## Education

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MSc in Data Science and Engineering – EPFL Sept. 2022 – Aug. 2024

Minor in Financial Engineering, Master Cycle mean grade of 5.59/6

BSc in Materials Science and Engineering – EPFL Sept. 2019 – Jul. 2022

mean grade of 5.58/6, Excellence Prize (EPFL, 2022)

Bachelor of Arts in Music – Haute École de Musique de Genève (HES-SO) Sept. 2016 – Jul. 2019

(acceptance on international competition)

## Languages

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Portuguese (mother tongue), English (fluent, C1-C2), French (fluent, C1-C2), Spanish (intermediate, B1)

## Computer Science Skills

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Scripting & Data Analysis: R, Python, Stata, Tableau, Ansible, VBA, Bash, SQL (Oracle and MySQL), Spark

Software Development: Java/Scala, C++

Containers, Cloud and Data Management: Docker, Google Cloud Platform, Kafka