



RESUME

I am passionate about sustainability and data science. Moreover, both during my studies and beyond, I have been involved in entrepreneurial activities. I am driven by my curiosity and my mission to help integrate sustainability in businesses.

COMPETENCIES

- IT (Python, R, Stata, MS office suite, Tableau, Web Dev)
- Data Science (ML, Statistics, Linear Algebra)
- Sustainability (Systems thinking, ESG Frameworks, Theory of Change, Stakeholder Capitalism, Reporting Frameworks)
- Languages (French - Native, English - C2, German - C1)

CONTACT

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Nathan Sierro

PROFESSIONAL EXPERIENCE

INTERN IN ML & SUSTAINABILITY

Limoo Switzerland | January 2023 – August 2023

As an intern in machine learning and sustainability at Limoo Switzerland SA, my job was to manage the development of algorithms to improve the sustainability of the logistics of the company. Moreover, I explored the sustainability of the community group buying business model to improve the delivery of groceries.

STRATEGIC PARTNERSHIPS CONSULTANT

SHAREKEY Swiss AG | April 2021 – July 2022

At SHAREKEY Swiss AG, a startup in the field of cybersecurity and sustainable IT, I was in charge of relations with different stakeholders. My role was to develop investment and client acquisition strategies, present the solution to investors and clients, and manage the CRM and reporting of precise KPIs. This role was fulfilled as an external consultant to the company.

RESEARCH ASSISTANT IN DATA SCIENCE

HEC Lausanne | April 2021 – March 2022

As a Research Assistant in Data Science for Prof. Christian Peukert, I supported the professor in finding and cleaning the data needed for his research. I used Python to scrape multiple music-related big-data sources, used Machine Learning algorithms for NLP and data matching, and manipulated multiple heavy databases with Pandas.

EDUCATION

E4S (EPFL – IMD – UNIL)

Master of Science in Sustainable Management and Technology | 2021 – 2023

The SMT master's program trains the next generation of leaders to conduct business for the benefit of their organizations, the environment, and society in general. A notable project has been conducted with the consulting company Economics of Mutuality during one semester. Using theory of change and system thinking, recommendations and metrics have been developed to improve the sustainability of the sourcing of food staples.

HEC LAUSANNE

Bachelor of Science in Management | 2018 – 2021

Graduates will have mastered skills such as accounting, law, statistics and marketing as well as reaching intellectual maturity through learning independent thinking, analysis and critical evaluation. Students are also expected to develop high ethical standards and be able to work with people from different backgrounds. A notable project has been the publication of an academic article on the impact on growth of a divestment in fossil fuels.

Nathan Sierro

VOLUNTEERING EXPERIENCE

DIGITAL NATIVE CONSULTANT THINK TANK

Eternitee | September 2021 – January 2023

Advise on Eternitee's strategic choices, and in particular on the Token-ID project (solution for connecting organizations/volunteers and enhancing the value of volunteer skills), discuss and support projects related to the challenges created by digitalization for entry into the world of work and, more generally, the impacts of digitalization on the future of young people as citizens.

PARTNER AND PROJECT EVALUATOR

Time for the Planet | January 2021 – today

Time For The Planet is a mission-driven company that wants to raise 1 billion euros to create 100 companies fighting global warming. The companies that Time for the Planet creates will follow the open source principle and share their discoveries publicly. I have volunteered to evaluate the viability of different startups.

CO-FOUNDER & CHIEF BUSINESS OFFICER

NanoDecoder | September 2020 – September 2022

NanoDecoder is a spin-off from the EPFL active in the field of molecular detection. As a co-founder of this start-up before its incorporation, I was in charge of developing the business strategy as well as doing market research in a multidisciplinary manner. Moreover, I was in charge of pitching the company at different events, competitions, and for investors. I raised more than half a million swiss francs in non-dilutive grants for the company.

IT MANAGER

Course de la Solidarité | April 2018 – today

I manage the Course de la Solidarité website and IT systems.

IT MANAGER & STRATEGIS AWARD

HEC Espace Entreprise | April 2019 – September 2020

HEC Espace Entreprise is a student association of HEC Lausanne with the main purpose to promote entrepreneurship on campus. It is organizing the famous start-up award "Prix Strategis" since 1993. I was part of the team organizing the contest for the best start-up in Switzerland as well as managing and developing the web applications for the organization.

ARTICLES

IMPACT ON GROWTH OF DISINVESTMENT FROM FOSSIL FUELS

HEC Lausanne | February 2020

This paper presents the impact on growth of massive disinvestment in the fossil fuel sector based on macroeconomic tools such as the Green Solow Model. This work wishes to bring an economic point of view to environmental and social problems, and in particular to derive the impact of the disinvestment movement of fossil energies.

Read the article here: nathansierro.com/articles/divestment-fossil-fuels.pdf