

Cyril Verluise

github/cverluise

cyril.verluise@gmail.com

+33 6 03 83 36 46

cverluise.github.io

Professional Experience

- Data Scientist**
- 2022 - present *QuantumBlack, a McKinsey company, Paris (France)*
- Developed a family of assets dedicated to heavy industries decarbonization
 - Contributed to the development of a cross-sector Marketing product deployed globally
- 2018-2021
(1-2 days per week) *Freelance, Paris (France) and remote*
- Contributed to the development of new products for clothing carbon footprint measurement (Carbonfact), patent analytics (IPwe) and oil market prediction (Kayrros)
 - Managed end-to-end projects: client sourcing, client needs assessment, problem-solving, roadmap design, algorithm research and solution serving (API, model, dashboard)
- 2018 - 2021 **PhD in Economics**
Essays on Knowledge Creation and Diffusion, Paris School of Economics
- Leveraged Data Science to track technology and knowledge diffusion
 - Led 3-year projects, managed and trained 6 research assistants
 - Developed 3 open source projects
- Supervisor: Ph. Aghion (Collège de France); Committee: L. Cassi (PSE), B. Hall (UC Berkeley), A. Jaffe (MIT), J. van Reenen (MIT & LSE)
- Quantitative and Economic Researcher**
- 2016 - 2017 *Collège de France, Paris (France)*
Contributed to research on the interactions between Innovation and the Tax System. Project supervised by Ph. Aghion (Collège de France) and S. Stantcheva (Harvard)
- 2015 (6 months) *Natixis, Frankfurt am Main (Germany)*
Wrote economic policy reports and research papers in collaboration with S. Broyer (International Head of Economics)

Education

- 2017 - 2018 **ENSAE - Paristech, Saclay (France)**
Specialised Master in Data Science, *Highest Honors*
- 2015 - 2017 **Paris School of Economics, Paris (France)**
Master in Analysis and Policy in Economics, *High Honors*
- 2011 - 2015 **HEC Paris School of Management, Jouy-en-Josas (France)**
Msc in Management
Major in Quantitative Economics and Finance, taught at *Ecole Polytechnique*
- 2012 - 2013 **Paris I Panthéon-Sorbonne, Paris (France)**
Double Bachelor in Economics and Political Science (French 3-year Licence), *Honors*
- 2011 - 2012 Bachelor in Applied Mathematics (French 3-year Licence)
- 2009 - 2011 **Lycée Henri IV, Paris (France)**
Intensive 2-year training to French “Grandes Ecoles” competitive entrance exams

Grants & Awards

- 2018 - 2021 **Collège de France**, Doctoral contract, 3-year scholarship
- 2019 **Google LLC**, Google Cloud Platform Research Grant, \$1,000
- 2017 **Hackathon Ernst&Young - Genius ENSAE - Label Emmaüs**
Member of the *winning team* of the Data Science/Business Challenge, €1,000

Programming Skills

Advanced: Python, Google Cloud Platform, Amazon Web Services, SQL, Git
Elementary: PySpark, R

Languages

French (native), English (fluent), German and Spanish (basic)