PAUL DOAN

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[Email](#) | [LinkedIn](#) | [Website](#) | [Github](#)

EDUCATION

Columbia University | GPA: 4.0   New York, NY
M.S in Operations Research   Aug 2019 - Dec 2020
- Business Analytics, Data Analytics, Statistical Modeling, Machine Learning, Deep Learning
- Won IEOR Operations Research Fellowship Award for outstanding performances

École Centrale de Lyon | GPA: 3.85   Lyon, FR
M.S in Mathematics, Physics & Engineering   Sep 2016 - Sep 2018
- Analytic Mathematics, Computer Science, Optimization, Economics, Physics
- Graduated with honors

PROFESSIONAL EXPERIENCES

Token Metrics   New York, NY
Data Scientist   Aug 2020 - Current
- Developing AI models which build profitable portfolios, ROI 10x higher than BTC over 1 year
- Leveraging vast amount of data sources: quantitative, technical, fundamental, sentiment, on-chain data…
- Initiating sentiment department to help investment research on cryptocurrencies

Nephron   New York, NY
Data Scientist   Sept 2020 - Dec 2020
- Analyzed & presented factors driving drug pricing patterns in healthcare industry to shareholders
- Predicted price changes using historical pricing, media & policies data, with error less than 2%

Sitétudes   Montpellier, FR
Business Engineer, Quality Developer   May 2018 - Dec 2018
- Supervised teams within five design offices for deviation of city of Orange, FR, budget of 40M €
- Operated as Consultant & Strategy Organizer for Sou Fujimoto architects
- Optimized strategy for internal organization which helped maximize efficiency & profitability

ACADEMIC PROJECTS

Morgan Stanley   New York, NY
Data Scientist, Contest   Jun 2020 - Aug 2020
- Led a 5 students team to derive insights out of Twitter for Morgan Stanley Analytics Team
- Applied NLP & Machine Learning techniques to extract sentiment & topics from tweets
- Manipulated statistical & visualization tools to provide recommendations for Morgan Stanley

Sifoee   Lyon, FR
Data Scientist, Business Development   Oct 2017 - Apr 2018
- Increased web traffic by 30% & decreased bounce rate by 20% using A/B testing
- Collected & analyzed traffic data from Google Analytics to improve marketing campaign conversion
- Led team of 8 engineering students for optimization & development of SIFOEE brand

SKILLS

Software: Python (Sklearn, Keras, PySpark, flask), REST APIs, SQL, Tableau, Git, AWS, EC2
Language: French (native), Spanish (intermediate)
Music: Founder, Manager & Producer in label signed electronic music band [Sense](#) | Top 10 charts Philippines
Interests: 7 humanitarian missions in Vietnam ([Les Lampions](#)), board sports