

# CAPUCINE VIOUGEAT

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## EDUCATION

### Columbia University

MS in Management Science and Engineering

Optimization Models, Operations Consulting, Investment Banking, and Corporate Finance

New York, NY

Aug 2024 - Dec 2025

### Double Degree Telecom Sudparis, Telecom Paris with IP Paris

MS in Machine Learning, Communications, and Security

Deep Learning, Statistical Learning, Deep Learning, Sequential Decision-Making Processing

Paris, FR

Sep 2020 - Sep 2023

### Seoul National University of Science and Technology

Exchange Program

Computer Vision, Smart App Programming

Seoul, KR

Feb 2022 - Jun 2022

### Janson De Sailly

Preparatory Classes in Mathematics

Linear Algebra, Probability and Statistics, Analysis, Fluid Mechanics, Quantum Mechanics

Paris, FR

Sep 2018 - Aug 2020

## EXPERIENCE

### Jamble

Chief of Staff Tech

- Established scalable data systems and visualization tools for team use

Paris, FR

Aug 2023 - Nov 2023

Machine Learning and Data Intern

- Built a data room facilitating a fundraising round
- Designed and implemented a tool connected to 4 data sources for real-time data visualization
- Engineered and developed a recommender system using graphs containing more than 50,000 nodes
- Managed automation of external communication methods while improving overall performances

Mar 2023 - Aug 2023

### Saint Joseph Hospital

Intern in the IT department

- Proposed a data structuring solution for a dataset of over 400 samples related to Gougerot Schrögren syndrome
- Supported statistical studies in multiple medical research projects

Paris, FR

Jun 2021 - Aug 2021

## PROJECTS

### Crypto Halving 2024 Ordinals Collection

- Created a website to showcase 42 ordinals, timed to launch on Bitcoin Halving day
- Organized a campaign on Twitter to announce the collection

Feb 2024 - Apr 2024

### IDefender, 2nd price winner at Tezos x SIA Partners Hackathon

- Leveraged Tezos' sapling protocol to enable anonymous transactions for companies
- Outlined a business plan and strategy
- Awarded a 5,000 euros prize and received additional support from several entities

Apr 2023

### Telecom Sudparis and SNCF

- Conceptualized and modeled an application for data visualization with a team
- Coordinated project development with an SNCF team

Sep 2021 - Dec 2021

### Mini Dall-e Reproduction

- Constructed a simplified version of OpenAI's DALL-E image generation model

Sep 2021 - Dec 2021

### Trees Engineering and Telecom Sudparis

- Formulated and executed an algorithm to match freelancers with potential clients

Jan 2021 - Jun 2021

## SKILLS

Programming: Python, SQL, HTML, CSS

Cloud Services: Firebase, GCP, AWS

Data Science: TensorFlow, OpenCV, Neo4j, Amplitude