

# Manuel Mockus

Currently enrolled in a Master's degree in Computer Science at Sorbonne university, I am looking for an internship in Research and Development in Machine Learning, NLP, Reinforcement Learning or related fields. Coming from Colombia and living in France I have been a back-end developer for three years in two different countries, quickly adapting to an ever changing environment. Now pursuing my interest in the field of Machine Learning, I'm eager to put my dedication and adaptability skills to work on a new challenge.

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## Professional Experience

- Backend Developer: Frichti, Paris, France** ‘  
Focus on implementation and maintenance of a genetic algorithm managing the delivery of grocery orders in tandem with the Data team. Integration of delivery systems during the merger with Gorillas Technologies.  
- NodeJS, TypeScript, Kotlin, AWS, Redis, RabbitMQ, PostgreSQL
- Leader Developer: Nuvu, Bogotá, Colombia (remote)**  
Lead of a 5 man cell: 3 developers and a QA analyst, in contact with the PM. Conception, implementation, deployment and maintenance of digital solutions for financial and government entities. Management of team resources. Code review .  
(<https://www.nuvu.cc/>)  
- Java, SQL, Spring, Cordova, Maven
- Fullstack Developer: Nuvu, Bogotá, Colombia (remote)**  
Implémentation, deployment and maintenance of digital solutions for financial and government entities. (<https://www.nuvu.cc/>)
- Stage : Encoding binary information in DNA Sequences, Laboratoire d'informatique de Paris 6 (LIP6), Sorbonne University, Paris, France**  
Conception, development and testing of heuristic algorithms to encode binary information to DNA, respecting biological and synthesis constraints.  
- Python, Numpy
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## EDUCATION

- 2022 - present (M2) **Master's degree in Computer Science - Data Science, Machine Learning**  
Sorbonne University (Campus Jussieu)
- 2019 - 2020 (M1) **Double Licence Mathématiques - Informatique (Parcours PIMA), Sorbonne University (Campus Jussieu)**
- 2017 - 2019
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## Coding Stack

JS, Node, Typescript, Java, Kotlin, SQL, HTML/CSS, Python (Pandas, Sklearn, NumPy, Pytorch), GIT, AWS, Maven, Spring, Script Shell

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## LANGUES

English (Experienced C1 : SAT 2011 Reading 660- Math 770 - Writing 570/800)  
French (Advanced : B2 Certificate 2013, Living in France since 2013)  
Italian (Advanced B2: Italian Bachelors degree 2011)  
Spanish (Native language)