

# Mattia Ippoliti

Software Engineer • ippolitimattia@gmail.com • Turin, IT

## Work Experience

- Data Engineer**  
Intesa San Paolo, Turin · Oct. 2021 - Present
  - Planning, execution and completion of various ongoing projects, communicating to multiple stakeholders, managing an annual budget of 1.2mln €.
  - Led on a daily basis a team of 9 members, managing 20+ stakeholders and enabling a 0.5 million e revenue opportunity in 6 months.
- Software Engineer Intern**  
Intesa San Paolo, Turin · May 2021 - Oct. 2021
  - Promoted best engineering practices, leading to seamless Continuous Integration and 85%+ Code Coverage.
  - Migrated seven microservice on-premise applications on Openshift containers to GCP cloud infrastructure, reducing monthly costs to nearly 250%.
- Software Engineer Intern**  
A\*STAR, Singapore · March 2019 - June 2019
  - Utilized Matlab to develop a translational synchronisation algorithm of two dynamical systems on Lie group.

## Recent Projects

- Balance trend and forecast for Intesa SanPaolo App**
  - Utilized python to develop the account balance forecast, providing the projection of the balance on a fortnightly basis to 12 million customers.
  - Improved the logic of the model, reducing deployment time in production environments by 680%, through the use of kafka queue and AWS S3.
  - Introduced clusters based on individual customers' propensity to spend money, that allowed 30% more accuracy in the model.
- Covid-19 Korea**
  - Utilized data science pipeline (cleansing, wrangling, visualization, modelling, interpretation) in order to find hidden patterns.
  - ETL, descriptive analysis, clustering and classifying data using various machine learning algorithms and comparing them based on average accuracy.



🔍 Mattia Ippoliti

## Educations & Honors




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**MSc in Software Engineering**  
Marche's Polytechnic University  
Oct. 2019 - Oct. 2021 · 110/110 cum laude
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**Internship Programme**  
National University of Singapore (NUS)  
March 2019 - June 2019
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**BSc in Software Engineering**  
Marche's Polytechnic University  
Sett. 2016 - Oct. 2019 · 104/110


## Links

-  [mattiaippoliti.com](http://mattiaippoliti.com)
-  [GitHub](#)
-  [Linkedin](#)

## Achievements

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Italian Basketball National Finals 2014 (Under 17)
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Rock climbed 520m multi pitch route in Gran Sasso d'Italia
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## Skills

- Python
- SQL
- C/C++
- Javascript
- Bash Scripting
- Typescript
- HTML/CSS

## Tools

- Git
- Jupyter
- Tableau
- PowerBI
- Qlik
- SonarQube
- Openshift
- Splunk

⊕ Add List

