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# Filippo Petroli

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🇪🇺 European citizen – right to work in the EU area  
🇧🇷 Brazilian citizen – right to work in the Mercosur area

## EDUCATION

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### **PUCRS – Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, Brazil**

*Master in Computer Science, March 2023 - Present*

### **PUCRS – Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, Brazil**

*Bachelor in Business Administration, March 2020 - Present*

### **IFRS – Instituto Federal do Rio Grande do Sul, Bento Gonçalves, Brazil**

*Certificate in Informatics for Internet, March 2012 - December 2015*

### **Online Certifications**

- Machine Learning Engineer Nanodegree, Udacity
- Data Scientist Nanodegree, Udacity
- Fundamentals of AI and Machine Learning Nanodegree, Udacity
- Fundamentals of Data Science I Nanodegree, Udacity
- Fundamentals of Data Science II Nanodegree, Udacity

## SKILLS

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| • <b>Programming:</b> Python, SQL, JS, HTML, CSS                  | • <b>Database Systems:</b> MySQL                       |
| • <b>Frameworks:</b> Scrapy, Scikit, Pandas, Numpy, Git, Metabase | • <b>IDEs:</b> PyCharm, Jupyter Notebook, Sublime Text |

## PROJECTS

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- **Customer acquisition for a digital newspaper:** This project was made for a job interview for Grupo RBS where I developed a model to classify some users of a digital newspaper to discover if they would become subscribers or not, based in use and demographic data. This project cover all the steps of a data science project, from data cleaning to the tuning of model. And yes, I got the job.
- **Stock purchase and sale strategy:** Based on some fictional stock prices, the challenge was identify the best moments to buy and sell stock. The strategy used is moving average. This project was proposed by Portocred for a job interview and I got the job.

## EXPERIENCE

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### **ZYTE, Remote, World**

*Software engineer, April 2022 – Present*

- Develop and maintain web crawlers to extract and deliver data in large scale.

### **PORTOCRED, Porto Alegre, Brazil**

*Data Scientist Jr, March 2020 – August 2020*

- Developed and analyzed machine learning models about credit score, customer segmentation and user profiling.

### **GRUPO RBS, Porto Alegre, Brazil**

*Data Analyst, August 2019 – March 2020*

- Analyzed and reported customer engagement data to brainstorm acquisition strategies.

### **WARREN, Porto Alegre, Brazil**

*BI Analyst, March 2018 – August 2019*

- Responsible for show the data to the business team, through reports and building interactive dashboards using SQL and Metabase.