



Patrick CHEN

Data Co-op Student

Currently a Bachelor of Data science student in second year in Paris, France, I am working as assistant responsible for reporting and tools in Renault Group company

Education & qualification

(>Reverse Chronology)

2022 - 2025 (in progress)

BUT Science des données

IUT de Paris - Rives de Seine

3-year specialized education in statistics and decision-making

Subjects : Statistics, Probability, Surveys, Data Analysis, Reporting, Statistical Programming, Web Technologies and Applications

2019 - 2022

Baccalauréat général

Lycée Turgot - with high honors

French High School Degree in Mathematics and Digital & Computer Science, graduated with high honors

Work experience

Assistant responsible for reporting and tools, Renault Group company

October, 2023 - September, 2025

First approach to the world of work as an apprentice for 2 years

• I created a **database** of the company's executives by merging two others databases for the launch of an internal software.

• I participated in **configuring** an internal software by testing and reporting operational issues.

• I contributed to **creating a FAQs** for the users of the internal tool

Informations

Phone number

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Mail

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LinkedIn

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Address

XXXXXXXXXXXXXXXXXXXX, France

Skills

- Descriptive statistics
- Inferential statistics
- Linear regression
- Reporting, Dashboard
- Reporting, Dashboard
- Database
- Communication
- English intermediate

Programming languages

- HTML
- CSS
- R
- SQL
- Python

Softwares & IT Tools

- SAS
- Rstudio
- SQLite, Access
- Spyder, Jupyter notebook
- Tableau desktop, Power BI, Excel

Personal Interest

• Workout

I started to go to the gym since 2022, on purpose to lose weight and gain muscle. Sport taught me so much about perseverance and rigorous

• Drawing

Having been passionate about drawing since childhood, I began exploring this art form at the age 4. Drawing provides me with a unique outlet for creative expression, enhancing my ability to communicate visually.

References

• Ms. Claire STEPHAN

English teacher for BUT Data Science in Paris university
claire.stephan@u-paris.fr

• Mr. Gilles DECOMBEJEAN

Database system teacher for BUT Data Science in Paris university & Professional working in La Poste

• Ms. Denise JANOWICZ

Responsible Reporting and IT Tools in Renault Group
denise.janowicz@renault.com

Academic projects

○ Web scraping

January, 2023 - March, 2024

Creating database with Python software over 50 millions of data lines to make a web scraping

- Understanding of databases and Python's library
- **Merging** 2 csv files
- Requesting government data with **API**
- **Automating** on thousands internet researches
- **Collecting** research results and **export** it in csv files
- Report writing

○ Description and Prediction of Geothermal Production

September, 2023 - January, 2023

Drafting an Analysis and Prediction Report on Geothermal Production

- Understanding the databases
- Programming with **R** to visualize data trend
- **Decomposing** of the data series
- **Forecasting** geothermal production with 3 different methods
- Writing of a report to explain results

○ Survey on the carbon footprint of members of the IUT Paris Rives de Seine.

January 2022

- Writing a **questionnaire**
- Database **cleaning**
- Database **processing**
- Statistical **analyzing**
- Presentating results with visual support

○ Statistic study on Olympic games

October 2022

- Data **cleaning**
- Database **processing**
- **Statistical analyzing**
- Report writing
- **Teamwork** of 5 people