JIANQIANG ZHOU

Entry-Level Data Scientist

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- % https://mxz2013.github.io/online-cv/
- jqzhou.polytechnique@gmail.com
- Paris, France (with working permit)



EXPERIENCE

Post-doctoral Fellow

Sorbonne Université

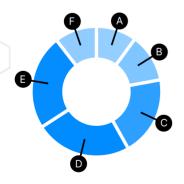
• A machine-learning type approach for scientific computing.

Post-doctoral Fellow

École Polytechnique

- Developed and implemented mathematical methods for bleedingedge numerical simulations, leading to several top-tier peer-review publications.
- Proposed a bleeding-edge experiment to confirm my theoretical predictions, with collaborations of researchers from different domains, and countries.
- Organized ETSF correlation team meeting at École Polytechnique, France (+30 participants worldwide).
- · Received 3 invited seminars on my researching projects.
- Published one article that applies the probability theory in physics.

MY DAY



- A Reading on data science
- B Group discussion, mentoring and coaching
- Academic research (problem solving)
- D Data analysis (data cleaning, manipulation, visualization)
- Programming and writing (scientific reports)
- Training from MOOCs (Cousera, EDX, etc.) on data science

SUMMARY

Physicist with excellent problem-solving and data analysis skills, who takes pride in applying algorithms to solve realworld business problems.

SKILLS

Technical skills

Python Fortran Bash SQL

Git VI Jupyter Notebook Latex

Machine learning Deep learning

Probability&Statistics

Languages

Chinese English French (beginner)

EDUCATION

Ph.D. in Theoretical Physics

École Polytechnique

2013 - 2016

- Led multiple joint projects producing several top-tier peer-reviewed publications.
- Participated 10 international conferences with 7 oral presentations and 3 posters (with one best poster prize).
- Co-organized the 12th ETSF Young Researchers' Meeting in Paris (+70 participants worldwide).

M.Sc. in Biophotonics

École Normale Supérieure de Cachan

2010 - 2012

• Won the Erasmus Mundus Scholarship (48K EUR for a two-year study).

B.Sc. in Optoelectronic

Harbin institute of technology, China.

2005 - 2009

