

JIANQIANG ZHOU

Entry-Level Data Scientist

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France (with working permit)



EXPERIENCE

Post-doctoral Fellow

Sorbonne Université

02/2018 - 03/2020 Paris

- Applied a machine-learning type approach for scientific computing.

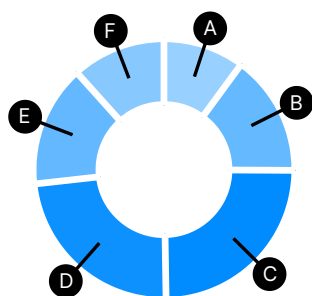
Post-doctoral Fellow

École Polytechnique

06/2016 - 01/2018 Palaiseau

- Developed and implemented mathematical methods for bleeding-edge numerical simulations, leading to several top-tier peer-reviewed 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
- C Academic research (problem solving)
- D Data analysis (data cleaning, manipulation, visualization)
- E Programming and writing (scientific reports)
- F Training from MOOCs (Coursera, EDX, etc.) on data science

SUMMARY

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

SKILLS

Technical skills

Python&Fortran

Bash

Git&SVN

Vi

Latex

Jupyter Notebook

Machine/Deep Learning

SQL

Probability&Statistics

Languages

Chinese

English

French (beginner)

EDUCATION

Ph.D. in Theoretical Physics

École Polytechnique

05/2013 - 05/2016

- 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

09/2010 - 07/2012

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

B.Sc. in Optoelectronics

Harbin Institute of Technology (China)

09/2005 - 07/2009