

ZHOU Peikun

32 Rue Barès
94200, Ivry-sur-seine
☎ +33 (0) 6 5814 2501
✉ peikun.zhou@telecom-paristech.fr
📄 github.com/zhoupeikun



Seeking for a six months' Data Scientist internship

Education

- 2016–2017 **M.S. Data&Knowledge**, *Telecom ParisTech*, Paris.
Maching Learning, Data Mining, Knowledge Graph, NLP, Artificical Intelligence
- 2015–2016 **M1 Computer Science**, *Université Paris-sud*, Paris.
Funcnitional Programming, Image Processing , Combinatorial Optimization, Graph Algorithm
- 2011–2015 **Computer science and mathematics**, *Xidian University*, Xi'an, China.
Graduated with College Honors. Exchange student to Univ.Paris-sud at the last year.

Experience

- Apr 2016 — **Middle Office Internship**, *Bank of Communications*, Luxembourg.
- Aug 2016
- Developd VBA script for risk department, developed several tools with Python
 - Implemented an internal web report center with JavaScript/JQuery and MySQL;
 - Worked with consultants of Deloitte to optimize regulatory report to CSSF, including balance sheet and income statement, be familiar with pivot table and VLOOKUP.
 - Bloomberg support, including portfolio risk and Bloomberg-excel development.
 - Responsible for several research reports about Fintech and online banking of EU.
- Dec 2015 — **Research Internship**, *INRIA*, Saclay.
- Apr 2016
- Worked on graph algorithm, developing and optimizing the input flow decomposition problem
 - Implemented graph structure with C++, optimized input stream and income flow method.
- Dec 2015 — **Android Development**, *Yifenqian*, Paris.
- Mar 2016
- Responsible for development of the prototype version of Android app Yifenqian, which provides deals and codes promos, with Android Studio, Git, Java and Agile Development.
 - Responsible for business cooperation; Implemented main functions, launched in Google Play.

Project

- Mar 2017 **Email Recipient Recommendation**, *Machine learning*, Kaggle Competition.
- Initially tried baseline method, selected top-K most used recipients, received 35
 - Advance predict recommendation according mail contents with text mining(NLTK,TF-IDF), combined with K-NN, more methods are under consideration.

- Dec 2016 **Qualitative and quantitate non-inverse monitoring of anti-cancer drugs.**
Data Camp, Ecole Polytechnique
- For data processing, used several PCA methods to reduce the number of features, tried several regression methods and feature extraction methods
 - Combined multiple classifiers, optimized parameters, improve error rate from 0.13 to 0.04, combined from 0.10 to 0.064, ranked 14th on leaderboard (total 145)
- Jul 2016 **Report center with Online spreadsheet, Web development,** Intern project.
- Online spreadsheet with query and basic edit functions.
 - Implemented with JavaScript, JQuery, MySQL.
- Apr 2016 **Image recognition system based on Cifar-10, Machine learning.**
- Developed an image recognition system to identify automatic image based on Cifar-10
 - Tried and compared with several different classifiers

Languages

English (Fluent), French(Fluent), Chinese(Native)

Skills

Development **Java/Android, Web**(JavaScript,JQuery,Django), **SQL, VBA, C++**, Shell, OCaml.
Data Science **Python**(Scikit-learn, XGBoost, Panda), R(ggplot), Apache Hadoop, Spark, SacLa.
Software Emacs, IntelliJ IDEA, Eclipse, Visual Studio, Bloomberg, Office.

Interests

Body-building, Badminton, Swimming(Lifeguard), History, Tech-news

Others

- Dec 2015 Volunteer for Ubuntu Party Paris
- Mar 2014 Member of Council of Xidian University Alumni Association in France
- May 2014 The First Prize of Scholarship, Xidian University
- May 2014 The Second Prize of Mathematical Contest in Modeling, USA