

# 周培坤

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Blog: <http://izpk.blogspot.fr/> GitHub: [github.com/zhopeikun](https://github.com/zhopeikun)

Address: Bat B, Escalier E, 33 Rue Barbès, 94200, Ivry-sur-Seine, Paris



## Educations

|             |                |             |    |
|-------------|----------------|-------------|----|
| 2016 - 2017 | 巴黎高科-高等电信工程师学院 | 人工智能（数据与知识） | 硕士 |
| 2015 - 2016 | 巴黎十一大          | 计算机科学与技术    | 硕士 |
| 2014 - 2015 | 巴黎十一大          | 计算机科学与技术    | 学士 |
| 2011 - 2014 | 西安电子科技大学       | 软件工程&数学     | 学士 |

## Experiences

- 2016.4 - 2016.8 IT Analyzer 实习生 - 交通银行卢森堡有限公司，卢森堡
- Python 开发若干 OA 工具，实现网络爬虫、在线表格等功能，使用 Javascript + MySQL 实现一个内部报告中心；负责 风险部门 VBA 开发
  - 负责 Bloomberg/Reuters 及网络的 helpdesk，参与 Bloomberg 关于资产组合、外汇及衍生品的培训
  - 配合德勤与卢森堡央行报表公司，基于资产负债表和利润表对 CSSF 监管报表进行需求分析及优化
  - 调研欧洲数字支付及（FinTech）应用于前景，卢森堡网银合规等，撰写若干报告
- 2016.1 - 2016.3 安卓开发工程师 - 创业团队『一分钱』，巴黎
- 负责安卓应用『一分钱』的原型开发工作，已发布 Google Play 商店
  - 负责主要功能实现，实现 ListView 卡片式列表以展现购物折扣信息，增加卡片过期阴影、品牌角标等效果
- 2016.1 - 2016.6 图论算法工程师实习 - 法国国家信息与自动化研究所（INRIA），巴黎
- 对图论输入流分解问题（the input flow decomposition problem）问题的算法实现与优化
  - C++ 实现一个图论框架，封装函数实现探索边界、父子/祖先结点等功能，优化输入流
- 2016.6 - 2016.8 销售经理实习 - 华为，西安
- 华为销售精英挑战赛『销傲江湖』奖获得者（5/300+），全国总决赛
  - 经历销售、宣讲及谈判沟通训练，校招提前批 offer

## Projects

- 2016.12 机器学习-对抗癌药物的定性和定量非逆监测 - Data Camp，巴黎综合理工学院
- 使用 PCA 减少大量不想干特征数量，实验使用多种回归分析及特征提取方法
  - 组合使用 Classifier，优化参数，将错误率从 0.13 提高至 0.04，综合结果从 0.10 提升至 0.04，在集训营参与竞赛的 145+ 选手中排名 14
- 2016.11 机器学习-预测顾客是否会购买银行某定期存款产品 - Kaggle 竞赛
- 葡萄牙某银行包含数十组属性的数据。数据清洗删除掉 Null 过多项，使用多种 classifiers 最终获得 59.85% 正确率，在 34 名参赛选手中排名第 6

## Skills

编程开发 安卓开发, Web 开发(JS, JQuery, Django), Shell, OCaml, SQL, VBA, Git, Bloomberg  
数据分析 Apache Hadoop, Spark, Scala, Python(Scikit-learn/XGBoost), Matlab  
语言 英语(流利) 法语(中高级商务会话) 中文(母语) 日语(入门)  
爱好 健身, 羽毛球, 游泳, 历史, 科技新闻

## Activities

2016-4 西安电子科技大学法国校友会理事，西电校友会优秀工作者  
2014-1 西安电子科技大学一等奖学金  
2013-3 美国大学生数学建模比赛二等奖

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## Educations

|             |   |   |
|-------------|---|---|
| 2016 - 2017 | <b>Télécom ParisTech</b> , Paris        | Master, Data & Knowledge                    |
| 2014 - 2016 | <b>Université Paris-sud</b> , Paris     | Bachelor & M1, Computer Science             |
| 2011 - 2014 | <b>Xidian University</b> , Xi'an, China | Bachelor, Software Engineering & Mathematic |

## Experiences

Apr - Aug, 2016 **Internship of IT Analyzer - Bank of Communications, Luxembourg**

- Developed OA tools with Python, implemented an internal report center website with JS
- Responsible for helpdesk of Bloomberg/Reuteurs, Network services. Participated the training of portfolio of asset, forex and derivatives of Bloomberg
- Responsible for VBA script for risk department; Worked with consultants of Deloitte to optimize regulatory report to CSSF, including balance sheet and income statement
- Responsible for several research reports about Fintech and online banking of EU

Jan - Mar, 2016 **Android Development Engineer - Start-up Yifengqian, Paris**

- Responsible for development of the prototype version of Android app *Yifengqian*, which provides deals and codes promos
- Implemented main functions and card style, launched in Google Play

Jan - Jun, 2016 **Internship of Graph Algorithm - INRIA (Saclay), Paris**

- Worked on developing and optimizing **the input flow decomposition problem**
- Implemented a graph structure with C++, optimized input stream and income flow method

Jun - Aug, 2015 **Internship of Sales Manager - Huawei (Xi'an), China**

- Ranking 6th in Huawei Sales Championship, Xi'an (all 300+)
- Experienced sales, lectures, and negotiation training

## Projects

Dec, 2016 **Qualitative and quantitate non-inverse monitoring of anti-cancer drugs – Data Camp in X**

- Using PCA to reduce the number of features because most of them are irrelevant, 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 (all 145)

Nov, 2016 **Predict if a client will subscribe a bank term deposit - Kaggle**

- A bank's data set has decades of contributes. After data cleaning, using different classifiers and received 59.85% correct rate at most, ranked 6th on leaderboard (all 34)

## Skills

|                     |   |
|---------------------|---|
| <b>Development</b>  | <b>Android/Java</b> , Front-end ( <b>JS</b> , JQuery, Django), Shell, OCaml, SQL, <b>VBA</b> , <b>Git</b> |
| <b>Data Science</b> | Apache Hadoop, Spark, Scala, <b>Python</b> (Scikit-learn/XGBoost), Matlab                                 |
| <b>Languages</b>    | <b>English(fluent)</b> French ( <b>professional</b> ) Chinese (native)                                    |
| <b>Interests</b>    | Body-building, Badminton, Swimming (Lifeguard), Histoire, Tech-News                                       |

## Activities

|           |   |
|-----------|---|
| Apr, 2016 | Member of Council of Xidian University Alumni Association in France   |
| Jan, 2014 | The First Prize of Scholarship, School of Software, Xidian University |
| Mar, 2013 | The Second Prize of Mathematical Contest in Modeling, U.S.A           |