

EDUCATION

- **Beijing University of Chemical Technology** Beijing
School of Science / B.S. (Applied-Chemistry) 2014.9 – 2018.7

PROFESSIONAL EXPERIENCE

- **Baidu (AIG Knowledge Graph Group)** Beijing
Algorithms developer Intern May 2017 - Aug 2017
 - 利用内部Hadoop平台使用朴素贝叶斯方法对百度百科已有数据进行数据挖掘, 新增300万未知的知识图谱数据, 正确率在95%以上
 - 使用内部深度学习框架LegoNet, 用CNN对搜索的点击结果的数据进行处理, 优化现有搜索结果的排序
- **Megvii (Face++)** Beijing
Software developer Intern Jun 2016 - Oct 2016
 - Built a JSON-gRPC gateway application generator based on Google Protobuf coded by Golang, which can read a .proto file and automatically generate a complete set of Goroutine RESTful Web service.
 - Developed a deep learning training monitor via D3.js library internally. Designed a front-end cache structure to load data dynamically, and solved and optimized massive data visualization problem.
 - Designed console interface of Deep Learning Cloud, which can be applied for virtual machine(GPU), modification and monitoring functions.
- **EasyEasyOversea (<https://easyeasyoversea.com>)**
Independent Developer Jan 2017 - Feb 2017
 - The Best App for going abroad to study. It changes and optimize the situation of information asymmetry.
 - 刚上线一周, 搜索次数就超十万+, 被三家天使投资主动联系, 被六家该领域主要公司主动寻求合作
 - MongoDB and Gevent based to build a high performance web spider plugins. Used Elasticsearch for the search engine back-end, used Golang to write a middleware to communicate with Redis for optimizing the concurrency. Django-Rest and Mysql based to build a forum which used redis for concurrency and used celery to build some asynchronous plugins. Used React and Bootstrap for the front-end and UI and D3.js for data visualization.
- **ZhaDuiXueShe Official Website (<http://zhaduixueshe.com>)**
Independent Developer Jul 2015 - Sep 2015
 - Built a review material sharing platform within university. Developed the blog system for classmates to share the review materials, and an offline organization for top 5% students among schools to lecture and tutor others. The website supports Markdown format posts and back-end system including online registration system and administrator-based control system.
 - Django-based framework to build back-end using MySQL. Used Nginx handling the loading and static file. Use UWSGI and Django as service back-end. The front-end was based on the Bootstrap and JQuery.
- **Juicy (github.com/salamer/Juicy)**
Independent Developer 2017.12 – 2018.1
 - Distributed Key/Value Database, implement independently Raft consensus algorithm, 实现了数据压缩和持久化功能

COMPETITION EXPERIENCE

- **American Mathematical Modeling Contest / 2nd prize (Honorable Mention)** Feb 2016
 - Fit the data from Algeria' s available water resources, medical investments, and government regulatory data to obtain the correlations based on a gray system.
 - Proposed KNN tricks to model the location of wells.
- **Amazon AWS Hackathon, Beijing / 3rd Prize (Leader)** Sep 2016
 - Used Golang and Javascript development via gRPC, React and Docker methods to realize the configuration files, automatically generating a complete set of front-end monitoring service. The source of the data is called by the scattered cluster in gRPC. Improved the structural support of the monitor' s information source.
- **BloomBerg Code Your Way to Global Data / 1st prize** Nov 2016
 - Wrote a automated downloading acquisitions case(PDF) script and use Word2Vec algorithms to find target

Award

- Renmin third prize scholarship

Jul 2015

Skills

- Master Web development, data processing.
- Skill in Python, Go, C, Javascript, Ruby
- Skill in basic data structures and algorithms
- Familiar with data mining, machine learning, web protocol.
- Development experiences on Linux and Database
- Language: Mandarin , English (CET-6), Japanese (Basic Daily Communication)