Chen Yangyang

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EDUCATION

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

PROFESSIONAL EXPERIENCE

- **百度 (人工智能部 知识图谱组)** — 北京
  算法实习生 — 2017.5 – 2017.8
  - 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 developerIntern — 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
  - 校内的学霸复习资料分享平台, 实现了组织博客系统, 学霸资料分科目分享平台, 对所有文章的Markdown支持, 实现了后台功能, 全面的在线报名系统, 通过访问者的角色, 控制权限管理, 实现明确的权限管理与分工
  - 基于Django框架搭建的后端, 使用MySql作为数据库, 利用Nginx 实现静态文件的负载均衡, 前端基于Bootstrap与JQeury,高峰期日访问量达到3000+

- **Juicy (github.com/salamer/Juicy)**
  Independent Developer — 2017.12 – 2018.1
  - 分布式 Key / Value 数据库, 独自实现了分布式一致性协议 Raft , 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 JSON-based 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 script for downloading acquisitions case(PDF) result: http://bloomberg-code-global-answer.win

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)