Chen Yangyang

Tech Blog: http://www.aljun.me

Email : gagasalamer@outlook.com
Mobile : (86) 183-1057-6552
Github: github.com/salamer

EDUCATION

- **Beijing University of Chemical Technology** — Beijing
  School of Science / B.S. in Applied Chemistry — *Sep. 2014 - Jul. 2018*

PROFESSIONAL EXPERIENCES

- **ByteDance (Tik Tok Parent Company)** — Beijing
  Software Development Engineer — *Jun 2018 - present*
  - Responsible for the development of the fundamental + live business of the App DCar, including feeds, live broadcasts, article and video pages, instant messaging, private messages push, widgets(like banner), covering App 75 % of traffic)
  - Designed and developed from scratch, App's service disaster recovery and every levels' demotion, widget dispatch engine, private messages push, optimized feed distribution engine, significantly improved distribution efficiency

- **Baidu (AIG, Knowledge Graph Group)** — Beijing
  Algorithms Engineering Intern — *May 2017 - Aug 2017*
  - Based on Hadoop platform, using naive bayesian method to do the data mining for all Baidu encyclopedia data, adding 3 million unknown knowledge graph data, and the accuracy rate was above 95 %.
  - Based on internal deep learning platform LegoNet, using neural network method to process the data of the search results and optimize the sorting of existing search results.

- **Megvii (Face++)** — Beijing
  Software Engineering Intern — *Jun 2016 - Oct 2016*
  - Protobuf IDL gateway generator, based on Protobuf Generator, generate complete RESTful-RPC api gateway.
  - 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, modification and monitoring functions.

- **EasyEasyOversea (https://easyeasyoversea.com)**
  Independent Developer — *Jan 2017 - Feb 2017*
  - The Best App for studying abroad. It changes and optimize the situation of information asymmetry.
  - In the first week, The times of searches is over 100,000 +, and was contacted by three angel investors, actively sought cooperation by six major companies in the field.
  - Application technologies include ElasticSearch, Redis, Django, crawlers and their scheduling, front-end side ncludes React, D3.js, Material Design

- **Institute of Computing Technology, Chinese Academy of Sciences** — Beijing
  Software Engineering Intern — *Dec 2016 – Jan 2017*
  - In the group of Sun Yuzhong, responsible for the development of a big data platform project (non-public) in the group, during which read some big data papers.

COMPETITION EXPERIENCES

- **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 (team 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

AWARDS

- **Renmin third prize scholarship** — *Jul 2015*

SKILLS

- **Familiar with traffic distribution services, with rich experience.**
- **Skilled in Go, familiar with Python, C, Javascript, Ruby**
- **Skilled in data structures and algorithms, web protocol, database**
- **Familiar with distributed system principles, Raft protocol, database principles**
- **Language: Mandarin(native speaker), English (CET-6), Japanese (N2)**

陈阳洋

Tech博客: http://www.aljun.me

Email : gagasalamer@outlook.com
手机 : (86) 183-1057-6552
Github: github.com/salamer

教育背景

- **北京化工大学** — 北京
  理学院 / 应用化学 — 2014.9 – 2018.7

实践经历

- **字节跳动** — 北京
  后端基础工程师 — 2018.6 – 至今
  - 负责字节跳动旗下App懂车帝的基础+直播两大业务线的研发工作（包含了所有Feed, 直播, 图文视频详情页, 私信, 消息, 资源位, App 75%以上流量及头条系大部分汽车模块的流量）
  - 负责从零设计落地懂车帝服务各级容灾降级, 资源位投放引擎, 站内信push, 优化feed分发引擎, 显著提升分发效率

- **百度（人工智能部 知识图谱组）** — 北京
  算法实习生 — 2017.5 – 2017.9
  - 在Hadoop平台上使用朴素贝叶斯方法对已有数据进行数据挖掘，新增300万的知识图谱连接数据，正确率在95%
  - 使用内部深度学习框架LegoNet, 用神经网络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++)** — 北京
  软件开发实习生 — 2016.6 – 2016.10
  - 基于Protobuf IDL的网关生成器, 基于Protobuf Generator, 生成完整RESTful-RPC的api gateway
  - 使用D3.js编写了内部深度学习训练的监控, 通过编写前端缓存结构, 实现数据动态加载, 优化海量数据的前端展示问题
  - 使用React写内部云的控制台界面

- **EasyEasyOversea (https://easyeasyoversea.com)**
  独立开发 — 2017.1 – 2017.2
  - 最好的留学工具, 改变了当下学生想留学但信息不对称的问题, 简化了申请海外院校和企业的过程, 独立设计开发运营
  - 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
  - 应用技术包括ElasticSearch, Redis, Django, 爬虫及其调度, 前端包括React, D3.js, Material Design

- **中国科学院计算研究所（计算机体系结构国家重点实验室）** — 北京
  实习生 — 2016.12 – 2017.1
  - 在孙毓忠老师组, 负责组内某大数据平台项目(非公开)开发工作, 期间了解部分各大数据平台原理

比赛经历

- **美国数学建模大赛(MCM/ICM)(队长) / 二等奖(Honorable Mention)** — 2016.2
  - 对阿尔及利亚的可用水资源,医疗投入,政府监管等数据进行拟合分析得相应的数据关系,并基于灰色系统理论进行建模
  - 巧用Kmeans方法对取水点建模

- **亚马逊AWS Hackathon Beijing(队长) / 三等奖** — 2016.9
  - 使用Golang + Javascript开发, 使用了Grpc, React, Docker技术, 可基于一份JSON 配置文件, 生成一整套前端监视器服务, 数据来源是通过Rpc调用的分散的集群的数据,并对监视器的信息源提高结构支持

- **BloomBerg Code Your Way to Global Data / 一等奖** — 2016.11
  - 编写脚步自动化下载并购案例，并使用Word2Vec算法找出相关度很高的词进行自动化文本抓取与处理

获奖

- **人民三等奖学金** — 2015.7

技能

- 对流量分发型业务熟悉, 有丰富经验
- 熟悉使用Go, 掌握Python, 了解 C, Javascript, Ruby, Java
- 掌握基本数据结构和算法, 常见数据挖掘, 机器学习相关基本原理及应用
- 熟悉分布式原理, Raft协议, 数据库原理
- 语言: 英语(CET-6), 日语(N2)