Resume

🎯 Contact Information

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📋 Brief information

- 陈晨/Male/1991
- master/ECNU&CS
- Location : ShangHai-PuDong
- Expected : Development Engineer (Python & Java)

💬 Profile

An experienced system engineer/architecture (mainly in Python & Java) with rudimentary knowledge of Machine Learning especially in NLP and years' experience in ETL & Data Analysis.

- Rich experience and accumulate for Java and Python development
- Strong collaboration and communication skills
- Clearly logic analysis capability to solve different and complicated problems
- Enthusiasm of ML and new technologies, to solve practical problems
- Strong execution and learning abilities, to discover problems and propose solutions

🎓 Education

2013.09 -- 2016.01	East China Normal University	Computer Science & Technology	master
2009.09 -- 2013.07	East China University of Science & Technology	Computer Science & Technology	bachelor

👨‍💻 Work Experience

Appen Data Technology (ShangHai) Co.,Ltd

> **Senior Manager Senior Software Engineer**

Jun. 2020 -- Present

1. Implemented algorithm-aided module for lane line annotation in 3D point cloud, improved 50% efficiency
2. Be responsible for Data Collect system, which collects 20W files per day, improved 20% of data quality and reduced more than 50% of management cost
3. Be responsible for PE team and PE stuff, we built a PE platform and lots of widgets that help to reduce 30% of the tickets number
4. Be responsible for the Ampersand maintenance that is the largest audio-transcription platform in Appen

Alipay Shanghai KouBei Co.,Ltd

Senior Java Development Engineer

Aug. 2017 -- Jun. 2020

1. Participated in implementation of goods and inventory, include item-dedup, multi-voucher

2. Built the feature of intelligent dish recording using voice and photo

3. Improved the monitoring precision by self-adaptive thresholds

4. Designed VOC(Voice of Customers) platform with feedback data analyzing and classification to improve the business features

Shanghai IfChange Co.,Ltd.

Java Algorithm Engineer

Dec. 2015 -- Aug. 2017

1. Be responsible for Resume Parser System, include entity identification, service construction

2. Built and optimized recognition for some critical fields in resume

3. Created template generation for resumes which have fixed but updating pattern

🛠️ Project Experience

Data Collect System

2022.07 -- Present | role*: R&D*

1. Lead a team to design and develop an entire Data Collect system

2. Improved data distribution with higher flexibility and performance

3. Implemented realtime audio validation within annotation

4. Participated in implementation of data Quality flow include QA checking and Data Rework

5. Implemented realtime dashboard with a variety of metrics

> Achievements: Improved 80% of project management efficiency and reduced more than 50% of management cost. Improved 20% of data quality under 20W files per day.

Reduced more than 30% annotation cost in project.

Algorithm-aided Lane Line Annotation

2021.05 -- 2021.07 | role*: DS/R&D*

1. Designed and implemented a Flask algorithm-aided module for lane line annotation in 3D points cloud.

2. Implemented binary to get candidates with reflectivity

3. It can predict sets of lane line with DB-SCAN clustering

4. It provided annotation of solid line, dash line, double solid line, and worked in serval projects

> Achievements: Improved 50% work efficiency in lane line annotation. Reduced more than 30% annotation cost in project.

KouBei VOC System

May.2019 -- present | *role: R&D*

1. Established a new system VOC(Voice of Customers) to improve the business experience

2. Analyzed and classified feedback data into product modules

3. Caught out secondary liquidation trading data to reduce the complaint

4. Provided a realtime alarm for problem outbreak

> Achievements: Reduced the 10% secondary liquidation trading. Reduced 20% rejection complaints rate. Modules classification accuracy reached 91%.

Intelligent Dish Recording

Apr.2018 --Nov.2018 | role: R&D

1. Established capability of dishes ingestion from third-party data source in bulk

2. Implemented voice dish recording, which can extract name and price from audio transcription

3. Optimized experience of recording dishes using brand word mining and dish name cleaning

> Achievements: More than 80W+ dishes was created by intelligent dish recording within 5 months. The system served more than 5W merchants and improved dish recording process from 5s to 2s.

Resume Parser System

Sep.2016 -- Aug.2017 | role: R&D

1. Designed framework and architecture of Resume Parser System

2. Implemented completed service with Flask

3. Improved recognition accuracy with LR classifier

4. Improved recognition coverage with frequent item-sets

> Achievements: The Resume Parser System can solve more than 5W resumes per day. Supports more than 90% formats of resumes on the market.

Template Generation Algorithm

2017.01 -- 2018.08 | role*: DS*

1. Designed and implemented the algorithm to identify varieties of resume templates and extract fields automatically

2. Built a model which can learn and adapt new templates without human intervention

> Achievements: Supported 2 template types. Supported 10+ revisions of external templates without any updates for 3 month.