

Wei Feng

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Education

Carnegie Mellon University

- Master of Electrical Computer Engineering May 2017 | Pittsburgh PA
- Course: Cloud Computing, Data Structure and Algorithm, How to Write Fast Code, Computer Architecture

Nanjing University of Posts and Communications

- Bachelor of Computer Science and Technology June 2015 | Nanjing China
- Course: C / C++, Java, Web Application, Computer System, Computer Network, Software Engineering

Experience

Senior Software Engineer / Bloomberg LP (Full Stack)

04/2018 - now

Distributed Cache Project

- Design three level Cache and integration test cases for distributed SET infrastructure
- Use Redis and BBCache in Chipmunk Cache for different business workflow
- Deploy cache in 1300 product machines, handle maximum 1 million / s QPS for cluster

Workflow Project

- Create new workflow from Bloomberg UI to Comdb2 Database
- Add Data layer to SET UI in Bloomberg terminal with JavaScript, TypeScript
- Design and Discuss Request Schema and Internal API for new feature with other teams

Automatic Test Project

- Design the new **Algorithm** for pricing platform response analysis
- Use **Python** to implement the new algorithm to compare two different results from development and production machines.
- Build the automatic test tool to improve the performance and save time for test

Software Engineer / Pinterest (Full Stack)

07/2017 - 03/2018

Crawler System Project

- Add feature for Pinterest Crawler System (**Aragog**) to solve web robot rules problem
- Use **Python** to scraped Ads information from the Google and Bing and upload to **Hive** table
- Build the **Jupyter** report for Pinterest sales team with python **Pandas Dataframe**

Keyword Generator Project

- Create daily, weekly, monthly workflow for keyword information for keyword generator
- Use **Hive** , **Cascading** etl sequence file from hive to Hfile, upload to key value system (**Terrapin**)
- Add the **normalization** and **stem** feature for interest to keyword pipeline, optimize the job
- Demo https://ads-latest.pinterest.com/advertiser/549756433034/keyword_generator/

Real Time Spark Workflow

- Create **ads long click counts workflow** in Ads Serving Real Time Stats System
- Implement a **Spark** job with **Scala** transfer the data from Kafka to S3
- Join Accuracy is 97.63 % for 10 min, 99.99 % for 24 hours

Skills

- Coding Language: Java, C++/C, Python, PHP, SQL, Linux Shell, JavaScript, HTML, Go, Matlab
- Tools: MySQL, MongoDB, Hbase, Sqlite3, Hadoop, Spring, ThinkPHP, OpenMP, CUDA, Hive