

Personal Info

- Cheng Yang/ Male
- Years of Experience: 7
- Github: <https://github.com/klash-yang>

Contact

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Educational Background

- 2022-Now Master's Degree Candidate/ Georgia Institute of Technology (Computer Science)
- 2015-2016 Bachelor's Degree/ Technische Hochschule Lübeck (Information Technology)
2015-2016
- 2012-2016 Bachelor's Degree/ East China University of Science and Technology (Electrical Engineering)

Working Experience

Dell EMC (11/2019-Present)

PowerProtect Data Manager Software

- Project Description: Dell EMC PowerProtect Data Manager provides software-defined data protection, automated discovery, deduplication, operational agility, self-service, and IT governance for physical, virtual, and cloud environments.
- Development Environment and Technology Stack: Spring Cloud, Elasticsearch, k8s
- Job Description:
 - Refactored the scheduler service with reactive programming
 - Migrated the product from a singleton system to a k8s cluster
 - Developed a BFF (Backend for Frontend) Pattern middleware
 - Developed an SDK auto-generator
 - Designed and developed a user support assist system
 - Developed a log management system

PwC (09/2018-11/2019)

DIDI Tax System

- Project Description: A tax management system for DIDI company, consisting of a website client and a mobile chart page. Includes invoice management, order management, permission management, and other daily tax business functions. Integrated with Tableau for active chart display.
- Development Environment and Technology Stack: Spring MVC, MyBatis, Vue, Tomcat, AngularJs(1.0), MySql, IntelliJ Idea
- Job Description:
 - Developed input/output invoice module, order management, order sync, and invoice discard function
 - Created a chart page using the Vue framework

Morningstar Payroll Management System

- Project Description: A payroll system for Morningstar Inc. Includes staff management, payroll tax management, leave management, housing fund, retirement fund, salary change, and other business functions. Greatly improved the HR team's management efficiency.
- Development Environment and Technology Stack: Spring MVC, MyBatis, Tomcat, AngularJs(1.0), MySql
- Job Description:
 - Planned structure, developed management, performed system integration, and deployed
 - Developed the admin and permission module, where the system admin can control the permission of each user, including pages, functions, buttons, etc.

UBS (09/2017-09/2018)

Job Description:

- Created a web crawl bot with Kapow to scrape product and price information from major global E-commerce sites (Amazon, Jingdong, etc)
- Bypassed anti-scraping systems of E-commerce sites
- Analyzed market tendencies based on scraped data
- Designed the structure of the store system

Shang Institution of Data Processing Technology (10/2016–07/2017)

Job Description:

- Created front-end with Bootstrap
- Created Server with Jfinal
- Built Hadoop platform

Skills List

- Web Development: Java/Javascript/Html/CSS/Python/Reactive Programming
- System Runtime: k8s/Docker
- Web Frameworks: Spring Cloud/AngularJs(1.0)/Vue
- Version Management, Documentation, and Automated Deployment Tools: Git/Jenkins
- Cloud Platforms: AWS/GCP/Azure