

RAIN LEUNG

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Summary

Passionate and interest-driven data engineer focusing on Data, Software Engineering, and AI/ML. Self-taught generalist across several fields. Participant of competitive programming contests on 3+ platforms (see GitHub), with 9+ years of programming experience since high school. A fast learner, team player, and a “chameleon” that adapts to fast-changing environments.

Work Experience

Role	Period	Location
Data Engineer Lalamove	Sep 2024 – Present	Hong Kong
• Developed and maintained big data applications and micro-services (APIs, databases, cloud servers, etc.) with high QPS (1.2k+ at peak) and throughput across 5+ overseas regions.		
• Configured, built, and released rolling updates on distributed containers from CSPs to achieve high availability and 0 downtime, based on CI/CD tools and workflows.		
• Tested applications with automated and manual test cases to ensure high coverage.		
• Monitored above projects with metrics and alerts, and responded to incidents for >99.999% SLA.		
Summer Intern MTR Corporation Limited	Jun 2023 – Aug 2023	Hong Kong
• Built and maintained a new ETL data pipeline from scratch with Python for internal room booking reports, and optimized it with multi-processing to reduce >75% time overhead.		
• Developed web crawlers for 700+ Glassdoor employee reviews and conducted sentiment analysis with NLTK, and presented data in dashboards.		
• Migrated and automated old Octopus application process with SharePoint List and Power Automate, from manual inputs to a new semi-auto flow.		
• Assisted with UAT, ran test cases, and issued tickets using Redmine.		
• Created dashboards and reports for ESG statistics.		

Technical Skills

Languages	Java, Python, C, C++, C#, Kotlin, HTML/CSS, JavaScript
Data & AI/ML	Hadoop, Kafka, Pandas, NumPy, PyTorch, Selenium
Database	MySQL, HBase, Phoenix, Redis
Web Development	Spring Boot, Flask, FastAPI, Jekyll
Miscellaneous	Linux, Git, Docker, K8S, GitLab, AWS, Azure, Tableau, Power BI, Jira, Redmine, Unity, Android Studio

Education

The University of Hong Kong Bachelor of Engineering in Computer Science, <i>Second Class Honours (Division One)</i>	Sep 2021 – Jun 2024 cGPA 3.32 / 4.3
PolyU Hong Kong Community College Associate in Engineering, <i>Distinction</i>	Sep 2019 – Jun 2021 cGPA 3.77 / 4.0

Relevant Coursework

- Data Science and Engineering
- Software Engineering
- Data Structures
- Computer Architecture
- Algorithm Design
- Computer Networking
- Artificial Intelligence
- Machine Learning
- Natural Language Processing
- Computer Vision