

Yiyu (Lucas) Li

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Skills

- Java (Spring, Junit, Mockito), SQL, C++, Kotlin, Python
- Linux/Unix, AWS, CI/CD, Git, OOP
- Splunk, IntelliJ, Jira, Agile

Work Experience

Software Engineer 3, PayPal Inc, Vancouver, Canada

Oct 2021 – Present

- Work on Merchant Onboarding team, Tech Lead of country expansion project (projected total payment value of \$894M).
- Initiated the country expansion project which expands a service available in the US market to other countries. The service is part of PayPal's payment solutions to used by merchant partners such as Facebook Market, Shopify, etc.
- Collaborate with product and other downstream service teams to define requirements, design solutions, implement features, test, deploy and monitor code changes.
- Conduct other tasks such as live support, code review, hiring interview, new employee ramp up etc.

Software Development Engineer, Amazon Web Service, Vancouver, Canada

April 2021 – Aug 2021

- Worked on Simple Queue Service team.
- Implemented new features, conducted various testing in the different environments, deployed and released the implementation using pipelines.
- Investigated abnormal patterns and warnings generated by metric-based monitor system, created stories to avoid recurring issues, collaborated with different teams, and implemented the fix in a timely manner.
- Supported the team in code review and operational tasks (on call), etc.

Back-end Software Developer, Verafin (Subsidiary of Nasdaq), Toronto, Canada

June 2020 – April 2021

- Worked on Data Interface team, installed detailed transaction data from different channels. Implemented, optimized, and tested features to continually improve data richness and efficiency.
- Designed and developed configurable and extensible processors and importers following OOP principles, which achieve data clean-up by dynamically manipulating raw data.
- Developed and optimize linking strategies (Java/Guice/Gradle + PostgreSQL) which link data from cheques to records from the core banking system; analyzed and enhanced flawed strategies to improve linking rates and reduced mismatches, designed and developed new strategies to cater to raw data of different qualities.
- Worked closely with the support team to quickly respond to user issues and fix them permanently.
- Supported the team in other tasks such as code review, statistic analysis, etc.

EDUCATION

MS in Computer Science, Washington University in St. Louis, USA

Sep 2018 – June 2020

- Teaching assistant of CSE504 Object-Oriented (C++) Software Development, assisted instructor in delivering lectures, helped students with assignments (including debugging), graded assignments and exams.

BA in Joint Honor Economics and Finance, Minor in Computer Science, McGill University, Canada

Sep 2014 – June 2017