

# Yiyu (Lucas) Li

Vancouver, BC, Canada

Tel: +1-437-350-8088

[lucasle.liyiyu@hotmail.com](mailto:lucasle.liyiyu@hotmail.com)

[linkedin.com/in/lucas-li/](https://www.linkedin.com/in/lucas-li/)

<https://lucasli0325.github.io/>

## 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*