

# Hyunuk Lim

## Software Engineer

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## Experience



Google  
Developer Relations Intern  
Data Analytics Cloud  
Developer Advocacy  
May 2022-Aug 2022

- Designed and authored [Jupyter notebooks](#) for **Vertex AI Workbench** to demonstrate technical tutorials for **Apache Spark+SparkML, BigQuery, and Dataproc Serverless** on Google Cloud.
- These notebook samples filled a critical gap in our sample coverage of showcasing Apache Spark use cases and will be used in marketing campaigns for [Dataproc Serverless](#).



Wealthsimple  
Software Engineer Intern  
Data Engineering  
Jan 2022-April 2022

- Created a DAG to help data analysts automate 50+ scheduled workflows in a secure way using **Apache Airflow** to move data from **Amazon Redshift**, a data warehouse to Google Sheets using the Sheets API.



Amazon  
Software Developer Intern  
AWS Observability  
Aug 2021-Dec 2021

- Contributed to OpenTelemetry, the second most active Cloud Native Computing Foundation (CNCF) open-source project behind Kubernetes as one of the top 15% contributors.
- Created a Helm Chart providing an end-to-end observability stack from Elastic Kubernetes Service to CloudWatch Container Insights using OpenTelemetry Collector for metrics and Fluent Bit for logs.



SAP  
Agile Developer Intern  
Performance and Reliability  
Sep 2019-April 2020

- Monitored test results and investigated root cause analysis for regressions.
- Implemented **Jenkins** pipeline script using **Groovy** and **Bash** to help monitor hundreds of daily commits.



THE UNIVERSITY  
OF BRITISH COLUMBIA

Teaching Assistant /  
Research Assistant  
Computer Science Dept.  
May 2019-July 2021

- Led labs and office hours to answer questions about topics in Data Structures and Algorithms and Software Construction courses for 20+ students 10 hours/week.
- Implemented assignments for the first-year integrated Science course in a team of 10 including four professors using **Python** and **Javascript**.

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## Education

University of British Columbia  
*Bachelor of Computer Science*  
3.9/4.33  
Sep 2018-April 2023

- Relevant courses:** Intermediate Algorithm Design and Analysis, Computer Hardware and OS, Internet Computing, Distributed Systems, Machine Learning