Seungmoon Rieh

riehseun.github.io

Email: seungmoon.rieh@gmail.com
Mobile: +1-647-876-0888

SKILLS

- **Languages**: Python, Bash

- **Technologies**: Kubernetes, Databricks, Docker, Terraform, Github Actions, Jenkins

- **Cloud**: Azure - Data Factory, Storage Account, Virtual Network, API management, Machine Learning, AI search

EXPERIENCE

- **Securities @ TD Bank** — Toronto, ON
  Software Engineer (Data) — *Aug 2025 - Present*
    - **Data platform**: Provision a data platform that enables users to perform data engineering.
    - **Data ingestion and consumption**: Build data ingestion and consumption patterns.

- **Layer6 AI @ TD Bank** — Toronto, ON
  Software Engineer (Machine Learning) — *Jul 2021 - Jul 2025*
    - **ML system design**: Design and implement ML serving platform for predictive and genAI use cases.
    - **ML serving**: Enhance security, cost, and observability of ML training and serving infrastructure.
    - **ML infrastructure**: Automate provisioning and configuration of ML services.
    - **MLOps**: Conduct model release, testing and monitoring.
    - **API**: Develop functional API to enable online inference.

- **Wealth @ TD Bank** — Toronto, ON
  Software Engineer (DevOps) — *Mar 2019 - Jun 2021*
    - **Pipeline development**: Speed up Enterprise DevOps Pipeline, refactor code base, and implement new features.
    - **CI/CD**: Reduce time to deploy code and infrastructure from several weeks to a maximum of a few days.
    - **Code release**: Manage and execute end-to-end application release process.
    - **Project guidance**: Research and interview projects, and guide them towards strategic direction.
    - **Project consulting**: Promote best development practice across projects.

- **Canadian Banking @ TD Bank** — Toronto, ON
  Software Engineer (DevOps) — *May 2018 - Feb 2019*
    - **Code release**: Ship Internet-facing a mortgage application fast, meet compliance, but not break anything.
    - **Pipeline development**: Develop, enhance, and support multi-branch pipeline code.
    - **Infrastructural support**: Provide the last level support on VMs and infrastructural tools.

- **FDM Group - Canadian Banking and Wealth @ TD Bank** — Toronto, ON
  Software Engineer (DevOps) — *Mar 2017 - Apr 2018*
    - **Data migration**: Deliver Big Data project establishing TD's own database of customer records.
    - **Automation**: Transform manual processes into automation by scripting.
    - **Infrastructure as a Code**: Write Infrastructure as Code to provision VMs on Private Cloud.

- **FDM Group - Capital Markets @ Royal Bank of Canada** — Toronto, ON
  Software Developer — *May 2016 - Feb 2017*
    - **SharePoint**: Develop a SharePoint application with ES6 script and Out-Of-Box tools.
    - **JavaScript development**: Perform advanced customization of SharePoint forms using SPServices.js and SP.js.
    - **Code relase**: Create deployment procedures and execute them with release teams.

- **FDM Group** — Toronto, ON
  IT trainee — *Oct 2015 - Apr 2016*
    - **In training**: Complete internal Java projects.

EDUCATION

- **University of Toronto** — Toronto, ON
  Bachelor of Applied Science in Engineering Science — *Graduated in 2015*