CLAUDIO LAU

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TECHNICAL SKILLS

Languages	Typescript, Python, SQL, Bash, HTML, CSS
Database	PostgreSQL, Firestore
Technologies	Git, Unix, GCP, React, Docker, Figma

EXPERIENCE

Loblaw   **Toronto, ON**
Developer II   *July 2021 - Current*

- Led the design and development of multiple enterprise-level micro-service applications ranging from pricing recommendations to inventory management recommendations on cloud-based platform
- Planned, designed, and developed the core functionality for inventory optimization utilizing Next.js to enhance the product as per client requirement with Ag-Grid and IBM Carbon
- Mentored onboard team members for self-management and effective delivery as well as facilitated as scrum master for sprint planning and retrospective work that leads to a high-quality decision
- Setup microfrontend monorepo to share components across the working team with enforced linting and test coverage using IBM Carbon to wrap custom components and Storybook for faster UI development iteration
- Designed and implemented normalized schemas using Prisma ORM to migrate data from Firestore to Postgres
- Continuous Integration/ Deployment Pipeline Integration, pull requests, code reviews, testing

Data Scientist   July 2019 - July 2021

- Led hierarchy demand forecasting model which helped reduce inventory level by 20% at distribution centers
- Migrated existing time series model from VBA to Python and hosted application on Google App Engine
- Conducted research to gather user requirements from various business units within Loblaw's end to end processes

Signate   **Tokyo, JP**
Software Developer   Oct 2018 - Feb 2019

- Designed and implemented classification model to identify potential candidates for hire based on their CV, additionally optimized learning curves and improved F1 score by 21% using heuristics.
- Built CLI application to allow users to fetch data and upload model for Data Science Competition Platform
- Documented APIs using Swagger to build, document, test and consume RESTful web services

PROJECTS

whoami Personal website powered by TailWind and Next.js

aldebaran Packaged UI component library as a testing playground using Rollup, Storybook and Chromatic

mrpeace Built and implemented Python CLI library to automate repetitive tasks to save time

EDUCATION

Certificate in Data Science, University of Toronto	2017 - 2020
Bachelor of Science in Mathematics, University of Toronto	2014 - 2017