Enrique Quiroz

Education

September 2019 – January 2022	**MSc Eng. Business Analytics**, *Danmarks Tekniske Universitet*, Kgs. Lyngby, Denmark, GPA: 3.65/4.0. Based on in-depth data analysis, data visualization and optimisation results that can support organisations with both operational and strategic decisions.
2012–2018	**Industrial Engineering with a Diploma in Mechanical Engineering**, *Pontificia Universidad Católica de Chile*, Santiago, Chile. Twelve semesters of education with more than 55 courses passed, main focus on management, economics, finances and production. The mechanical engineering diploma consisted mainly in subjects as Thermodynamics, Heat Transfer and HVAC
Spring 2017	**Exchange Student**, *Lund University*, Lund, Sweden.
2000–2011	**Primary and Secondary Education**, *Colegio San Viator*, Ovalle, Chile.

Experience

April 2023 – Present	**Business Intelligence Analyst**, *Novo Nordisk*, Bagsvaerd, Denmark. Part of Injectable Finished Products (IFP) Business Support team, where reporting is both upstream and downstream in the organization. Main tasks are preparation of dashboards to forecast capacity in Aseptic Production lines and improvement of ETL back-end to deliver most accurate prediction based on both site input and performance metrics, another main task is establishing new processes for collecting data. Some Ad-hoc tasks involve resolving discrepancies between local and central reporting.
March 2022 – March 2023	**Full Stack Developer**, *Danfoss*, Copenhagen, Denmark. Work at an analytics team, developing end to end machine learning solutions. Tasks included back-end and front-end development in Typescript as well as data analytics in Python.
February 2021 – February 2022	**Data Analyst Student Worker**, *Danfoss*, Copenhagen, Denmark. Work in a team that brings insight and analytics based on IoT devices to the supermarket industry. Different tasks within data engineering and data science. More specifically, build dashboards with Power BI, move data between across different platforms, and use machine learning algorithms to detect anomaly in energy consumption.
January 2021 - June 2021	**Teaching Assistant**, *Danmarks Tekniske Universitet*, Kgs. Lyngby, Denmark. Teaching assistant to the courses: ○ Model Based Machine Learning ○ Introduction to Financial Engineering ○ Financial Products
Nov. 2017– Feb. 2018	**Intern**, *LarrainVial Activos Asset Management Company* , Santiago, Chile. The main tasks developed were helping on management and operations of the firm, process modelling and automation of time-consuming tasks (such as documents and email generation), firm and funds benchmark analysis, and presentations to potential costumers and regulators

Languages

Spanish	**Native**	
English	**Advanced**	*TOEFL: 107 pts.*
Danish	**Intermediate**	

Professional Skills

Programming	(proficient): SQL, Git, Azure DevOps, TypeScript (familiar:) Unix, C++, Julia, VBA
Data Science	(proficient:) Python, Alteryx (familiar:) Spark

Business Intelligence	(proficient:) Alteryx, Tableau (familiar:) Power BI

Interests

- Rock Climbing
- Technologies
- Mountain Biking
- Music