

Education

- September 2019 – **MSc Eng. Business Analytics**, *Danmarks Tekniske Universitet*, Kgs. Lyngby, Denmark, GPA: 3.65/4.0.
- January 2022 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

- March 2022 – **Full Stack Developer**, *Danfoss*, Copenhagen, Denmark.
- Present Work on delivering an API to read energy related events (Demand response) from a third party API and send it to a system manager (controller that collects information from electronic devices) in food retail stores.
- February 2021 **Data Analyst Student Worker**, *Danfoss*, Copenhagen, Denmark.
- February 2022 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 **Teaching Assistant**, *Danmarks Tekniske Universitet*, Kgs. Lyngby, Denmark.
- June 2021 Teaching assistant to the courses:
- Model Based Machine Learning
 - Introduction to Financial Engineering
 - Financial Products
- Nov. 2017– **Intern**, *LarrainVial Activos Asset Management Company*, Santiago, Chile.
- Feb. 2018 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**
Danish **Intermediate**

TOEFL: 107 pts.

Professional Skills

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

Interests

- Rock Climbing
- Mountain Biking
- Technologies
- Music