

## SUMMARY

Head of Business Intelligence with 6+ years of data analysis experience. Proficient in Python and SQL. Experience working with different statistical and ML models applying them to different real life scenarios. I've helped my company to reduce costs by 10% and increase prices by 22% using some of these models. I'm passionate for data science and learning. Master's Degree in Industrial Engineering. Bachelor's Degree in Science. Fluent english. Native spanish.

## EXPERIENCE

### POLPAICO BSA

*April 2015 - Present*

#### HEAD OF BUSINESS INTELLIGENCE *JUNE 2019 - PRESENT*

Created pricing statistical model and lead its implementation nationwide | Created model to predict quote winning probability | Continuously check for pricing opportunities and update prices in SQL Server tables | Code and implement pricing application updates (C#) Generate insights from data | Create automated reports | Automated pricing for new products

#### HEAD OF PROCESS OPTIMIZATION *APRIL 2018 - JUNE 2019*

Generate concrete cement dose optimization model | Lead ETL processes for data analysis | Automate dose consistency checking

#### PROCESS OPTIMIZATION ENGINEER *SEPTEMBER 2017 - JUNE APRIL 2018*

Generate reports on concrete strength | ETL data from multiple sources for data analysis | Create case simulations in python for decision making |

#### OPERATIONS ANALYST *APRIL 2015 - SEPTEMBER 2017*

Implement operational process control system | KPI reporting and dashboards | Control and optimization of costs tied to the operation.

### SYNCHRONIC CONSULTING

*September 2020 - Present*

#### FOUNDER

Personal company where we offer IT services to small and medium sized businesses.

Services we have done: web development, CRM configuration, report and process automation and system and software recommendation.

## SKILLS

**PROGRAMMING LANGUAGES** *Experienced:* Python | SQL *Familiar:* Javascript | R | C# | HTML | CSS

**FRAMEWORKS & LIBRARIES** Jupyter | Matplotlib | Numpy | Pandas | Tensorflow | openCV | NodeJS | GIT

**LANGUAGES** *Native:* Spanish *Fluent:* English

## EDUCATION

### UNIVERSIDAD DE CHILE

*2020*

BUSINESS INTELLIGENCE AND BIG DATA DIPLOMA

### UNIVERSIDAD ADOLFO IBÁÑEZ

*2017-2018*

MASTER'S DEGREE IN INDUSTRIAL ENGINEERING

### UNIVERSIDAD DE CHILE

*2008-2016*

BACHELOR'S DEGREE IN SCIENCE, GEOLOGY MAJOR

## COURSES AND SPECIALIZATIONS

- Big Data & Business Analytics Course at U. Católica de Chile | Data Science Specialization at IBM Coursera

## EXTRA

- 2nd place at Ultrahack (2021): a Hackathon organized by Finland's Embassy to create projects based on Artificial Intelligence and Data Science to fight against Climate Crisis and Environment related problems.