

Sebastián Tinoco

+56 976 174 764 | stinoco@fen.uchile.cl | Diciembre 30, 1994

EDUCATION

Faculty of Physical and Mathematical Sciences, University of Chile <i>Master in Data Science (c)</i>	Aug. 2021 – Present <i>Santiago, Chile</i>
Faculty of Economy and Business, University of Chile <i>Bachelor of Science (Honours) in Economics</i>	Mar. 2014 – Dec. 2018 <i>Santiago, Chile</i>

EXPERIENCE

Data Scientist <i>AB InBev</i> <ul style="list-style-type: none">Development of technical solutions with machine learning using Microsoft AzureAutomation and construction of reports using Power BIValidation (QA) of technical products	Apr. 2021 – Aug. 2021 <i>Santiago, Chile</i>
Data Scientist <i>Futurum</i> <ul style="list-style-type: none">Construction and design of ETL pipelines using Google Cloud Platform (GCP)Analysis, processing and depuration of dataDesign and implementation of dashboards using Power BI	Nov. 2020 – Mar. 2021 <i>Santiago, Chile</i>
Economist <i>Ministry of Economy, Government of Chile</i> <ul style="list-style-type: none">Conducting economic studies, projects, and reports according to the needs of authorities.Development of a Tableau dashboard to illustrate economic recovery in the context of the pandemic.Automation of recurring tasks through APIs using Python.Participated in the construction, analysis and publication of the Survey on the Use of Information and Communication Technologies (ICT) in Enterprises	May 2019 – Nov. 2020 <i>Santiago, Chile</i>
Intern <i>Ministry of Economy, Government of Chile</i> <ul style="list-style-type: none">Collaboration in team projects through pre-processing and analysis of databasesAutomation of small tasks in order to facilitate the team's work.	May. 2018 – Dec. 2018 <i>Santiago, Chile</i>

PART TIME

Data Scientist <i>Satia</i> <ul style="list-style-type: none">Implementation of clustering and classification models for claims in the beer industryDevelopment of a claim classification model in the automotive industry	Oct. 2022 – Feb. 2023 <i>Online</i>
Intern <i>Fintual</i> <ul style="list-style-type: none">Creation of a customer churn prediction system using machine learning algorithms	Mar. 2022 – Jul. 2022 <i>Online</i>
Data Scientist <i>Datrics</i> <ul style="list-style-type: none">Development of a classification model for job descriptions in categories established by the International Labour Organization (ILO)	Feb. 2021 <i>Online</i>

PROFESSIONAL DEVELOPMENT

Data Science Career <i>Desafío LATAM Academy</i> <ul style="list-style-type: none">Diverse applications of Machine and Deep learning Algorithms for problem solvingProgramming using Python and working with databases using SQL.	May. 2019 – Feb. 2020 <i>Santiago, Chile</i>
Google Cloud Platform <i>Coursera</i> <ul style="list-style-type: none">Utilization of GCP functionalities and resolution of big data problems using its services	Julio 2020 <i>Online</i>

TECHNICAL SKILLS

Programming Languages: Python, R, Java
Databases: SQL, MongoDB, Redis, Hadoop, Hive
ML Packages: Scikit-learn, Pytorch, Hugging Face, Keras
Development Tools: Git, Bash, HTML, CSS
Deploy Packages: Gradio, Flask, FastAPI
Cloud: Google Cloud Platform, Amazon Web Services, Heroku
Analytical Tools: STATA, Tableau, Power BI

ACADEMIC ACTIVITIES

- Faculty of Physical and Mathematical Sciences, University of Chile** Fall 2022 – Present
Teaching Assistant *Santiago, Chile*
- Auxiliary classes in the following courses: Databases, Scientific Programming Laboratory for Data Science
 - Grading of assessments in the following courses: Natural Language Processing, Introduction to Data Mining, Data Mining, Statistical Thinking, Computational Intelligence
- Master in Business Analytics - Adolfo Ibáñez University** Spring 2020
Teaching Assistant *Santiago, Chile*
- Teaching assistant for machine learning topics and their applications in finance using Python
 - Design and implementation of practical labs for students to exercise their machine learning skills and knowledge
- Faculty of Economy and Business, University of Chile** 2015 – 2018
Research Assistant, Teaching Assistant *Santiago, Chile*
- Processing and analysis of databases using R and STATA
 - Compilation of theoretical inputs for academic research development
 - Teaching assistant, grading, and tutoring for the following courses: Calculus, Linear Algebra, and Microeconomics

OTHER INFORMATION

- Social Work** | *Volunteer, Tutor* 2014 – 2018
- Volunteer in social projects for communities focused on construction and education
 - Tutoring and support for vulnerable students from the faculty
- Languages**
- Spanish: Native language
 - Inglés: Fluid (*TOEFL Home Edition Score: 99*)

REFERENCES

- Andrés Abeliuk** Universidad de Chile
Assistant Professor *aabeliuk@dcc.uchile.cl*
- Alexis Montecinos** Suffolk University
Associate Professor *alexis.montecinos@sloan.mit.edu*
- Fabián Duarte** Universidad de Chile
Associate Professor *fabduarte@fen.uchile.cl*
- Rodrigo Krell** Comisión Nacional de Productividad
Chief Economist *rkrell@cnp.gob.cl*