

Cristóbal Torres Gutiérrez

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EDUCATION

UNIVERSIDAD DE CHILE
CIVIL COMPUTER ENGINEERING
Maximum Distinction
2018 - 2023 | Santiago, Chile

COLEGIO SEMINARIO PADRE ALBERTO HURTADO
2006 - 2017 | Chillán, Chile

LINKS

Github:// [TinSlim](#)
LinkedIn:// [cristobaltg](#)

COURSES

UNDERGRADUATE

Massive Data Processing
Web of Data
Introduction to data mining
Deep Learning
Natural Language Processing
Statistical Thinking
Tools for Teamwork
Introduction to Computer Security
High Availability Systems Architecture
Algorithm Design and Analysis

ONLINE

Specialized program: AWS Cloud Solutions Architect
AWS Cloud Practitioner Essentials
ETL and Data Pipelines with Shell, Airflow and Kafka | IBM
Docker Essentials: A Developer Introduction | IBM

SKILLS

PROGRAMMING

Languages:
Python • Java • HTML/CSS/Javascript • C • R • Godot • SQL • PHP
Web Libraries:
Django • Flask • React • Spring
Big Data Libraries:
Spark • Hadoop • Pig • Kafka
Data Libraries:
pandas • Sklearn • PyTorch • ggplot2 • matplotlib • BS4

LANGUAGES

English (B2)
Spanish (Native)

EXPERIENCE

CENCOSUD | DATA SCIENTIST (ADVANCED ANALYTICS)
February 2024 - Today

EPEC - FCFM | SOFTWARE ENGINEERING
August 2022 - December 2022

- Development of a Postgraduate Student Management System that displays information on the programs to which the students belong.
- Use of agile methodologies, Django, React y MUI.

UCAMPUS | SOFTWARE ENGINEERING INTERN
January 2022 - February 2022

- Development that finds matching elements in the curricular information between two people for the Ucampus Curriculum Management Platform.
- Use of agile methodologies, PHP, SQL and visualization libraries in Javascript.

NIC LABS | SOFTWARE ENGINEERING INTERN
January 2021

- Development of a feature to obtain website categories from information of APIs, websites using scrapper and text documents.
- Use of agile methodologies, Python and SQL

RESEARCH

VISUAL SYSTEM TO EXPLORE THEMATIC SUBGRAPHS IN WIKIDATA | UNDERGRADUATE THESIS

Web Application Development to explore thematic subgraphs in Wikidata by searching for paths between entities selected by the user. Available at [woolnet.dcc.uchile.cl](#).

PROJECTS

POLICE SHOOTINGS USA DATA MINING

Project that includes an exploratory stage and development of classifiers to predict the outcome of an event. Developed with Python, pandas, Sklearn, matplotlib and Jupyter using data from Kaggle.

SEARCH FOR INTERVALS WITHOUT CAR ACCIDENTS

Project to search for intervals in which car accidents do not occur. Developed with Python, Pyspark and Kaggle data.

LICENSES AND CERTIFICATIONS

KUKKIWON | POOM CERTIFICATE
January 2013

SEMINARIUM CERTIFICACIÓN | TOEFL ITP - NIVEL B2
January 2022 - January 2024

AWARDS

OUTSTANDING STUDENT | 2018, 2019, 2020, 2021, 2022
Facultad de Cs. Físicas y Matemáticas, Universidad de Chile