

Sebastián Alday

Computer Scientist



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LinkedIn Profile

PROFILE

I am a qualified Computer Engineer with an outstanding academic performance and outstanding skills in programming and data management. I have acquired multiple certifications in the aforementioned areas and have an interest in data analysis and machine learning. I am currently dedicated to website programming using Python and Django framework, creating and consuming APIs for efficient data transmission.

My ability to learn quickly, adapt to new technologies and soft skills, such as teamwork and effective communication, make me a valuable candidate for information technology companies.

WORKING EXPERIENCE

Internship – ENTIX Enterprise TI Experts

2024

During the final phase of my studies, I had the great opportunity to join the development team at ENTIX, a Chilean company dedicated to consulting and management of ETL IT projects. During my time there I was able to:

- Manage the software tools used in the industry, such as Talend or Informatica PowerCenter.
- Learn good practices of the ETL process.
- Develop ETL processes for report generation.
- Develop scripts for the automation of data extraction using APIs.
- Create dashboards for company management using Microsoft Power Bi.
- Manage a research project on Machine Learning applied to ETL processes.

Call Center Operator – Holdtech S.A

2020 – 2021

Before studying Computer Engineering, I had the opportunity to work remotely as a call centre executive for Holdtech S.A., where I oversaw:

- Providing telephone solutions (billing, portability, management of pre- and post-paid plans, connectivity, among others) to clients of large telecommunications companies.
- Tracking problem-solving tickets.
- Meeting sales goals and relevant KPIs.
- Using business software to record procedures and manage services.

ACADEMIC BACKGROUND

Computer Science – Saint Thomas Professional Institute, Chile

2021 - 2024

Throughout my studies at Saint Thomas PI, I have acquired several academic certifications and developed various IT projects such as server building and developing software solutions for third parties, using technologies such as Linux, Python, Java, .NET framework, Django, GitHub, among others.

I worked in the admissions and outreach area of the university, where I gave talks to high school students. This strengthened my communication and leadership skills.

Additionally, I have conducted workshops on programming fundamentals for first and second-year computer engineering students in order to reinforce their knowledge and develop their programming logic in Python and Java languages.

Graduate Diploma in Applied Information Technology – WINTEC

2023

I had the opportunity to participate in a student exchange in New Zealand, for a 6-month period, in the second semester of 2023. There I studied subjects related to my field of study and professional profile, all taught in English, which I passed with outstanding grades. Among these subjects I had to take Big Data & Analytics and Routing & Switching Essentials.

This was a period of great personal and academic growth, as I was able to meet people from different parts of the world, their cultures and thoughts, while at the same time having to adapt to an innovative and challenging educational environment.

CERTIFICATIONS

English Certificate - IELTS

2023

Score 7.5 / 9.0 (C1)

Basic and Advance Programming

2023

- Data Structure and Algorithms - Python
- OOP foundations - Java
- .NET - C# Programming
- Web Programming - HTML, CSS, Php, JavaScript, Python, Django
- Android Programming - Java, XML

Software and Database Design

2023

- Requirements Specification
- Software Design
- Databases Design and Programming - SQL

Software Architecture

2023

- Design Patterns
- Systems Architecture

Systems Administration

2023

- Hardware and Personal Equipment Connectivity
- Operative Systems – Windows (Home & Server) and Linux (Debian, Ubuntu)

SOFTWARE HANDLING

- Visual Studio Code
- Jupyter Notebook
- MySQL WorkBench
- Microsoft SQL Server
- Oracle SQL Developer
- Microsoft Excel
- Microsoft PowerBI
- Informatica PowerCenter
- Talend Open Studio