

**Diego Campillay Manríquez**  
Computer Science Engineer

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Computer Science Engineer with strong skills in software development, both front-end and back-end web development, and the design of Deep Learning, Machine Learning, and AI applications. Experienced in teamwork and effective project management.

My objective is to specialize in the area of artificial intelligence and software development, which are my passions. I aim to take them to the next level and use my skills to deliver innovative, efficient, and scalable solutions that drive profitability and generate both short- and long-term value for the company. I am committed to applying my technical knowledge to optimize business results and contribute as a proactive, results-oriented member of a high-performance team.

### Education

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**Universidad Andrés Bello**

Bachelor's in Computer Science Engineering

Providencia, Santiago

2018 - 2024

### Certifications

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• **IBM Certification**

IBM Skills Data Science Practitioners

Providencia, Santiago

### Experience

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**EccConsultores**

**CHATBOT DEVELOPER**

Las Condes

Jul 2019 – Aug 2019

- Responsible for JavaScript handling and the creation of a user manual for a chatbot designed to help clients get quotes for purchasing or renting real estate, considering their income and location.

**NEVAPE**

**SOFTWARE AND FULL-STACK DEVELOPER**

Remote

Dec 2021 – Feb 2023

- Managed a web project using Agile methodology.
- Developed an application to assess life cycles and calculate environmental impact.
- Used Angular for the front-end and Node.js with MySQL for the back-end. Created custom APIs and a user system with activity logs.

**Coordinador Eléctrico Nacional**

**MACHINE LEARNING ENGINEER**

Remote

Feb 2024 – Dec 2024

- Developed electricity consumption prediction models using recurrent neural networks (RNNs) with LSTM architecture.
- Prepared and analyzed historical consumption and temperature data (2017–2023), experimented with different architectures, and evaluated performance with metrics such as MSE, MAE, and RMSE.
- Results enabled early anticipation of overloads and power outages, contributing to improved planning and control of Chile's electrical system.

## Skills

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### Soft Skills:

- Teamwork
- Project management
- Critical thinking
- Proactivity
- Problem solving Skills
- Analytical ability
- Communication skills
- Agile methodologies (Scrum)
- Creativity and innovation
- Adaptability
- DevOps methodologies

### Languages and Frameworks:

- Python
- Node.js
- JavaScript
- C#
- Next.js
- MySQL
- SQL Server
- Git

### Tools and Environments:

- Angular
- React
- Docker
- Azure
- VS Code
- Jupyter Notebook
- Power BI
- Kubernetes
- n8n
- PyCharm

### Machine Learning Models and Libraries:

- **Libraries and Frameworks:**
  - Keras, PyTorch
  - TensorFlow, Scikit-learn
  - Pandas, NumPy
  - Matplotlib, Seaborn
- **Models and Techniques:**
  - Neural Networks
  - Supervised and Unsupervised Learning
  - Predictive Models
  - Transfer Learning and Fine-Tuning

### Languages:

- English – C1
- Spanish – Native