ÁLVARO MALDONADO

Civil Engineer in Computer Science & Master's Degree in Artificial Intelligence

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SUMMARY

Professional with 13 years of experience in development and implementation of computer systems in various industries. I am looking for dynamic and challenging opportunities where I can apply my knowledge in Artificial Intelligence and Machine Learning, gained in my last studies. Also, I would like to enhance my leadership and strategic management skills to contribute to the successful execution of technology projects.

EMPLOYMENT HISTORY

Senior Software Engineer
Imagemaker   2023 - Presente   Santiago, Chile
- Provide external advice (client) regarding improvement and/or possible solutions in the execution of projects and services.
- Implement solutions using good development practices, focused on customer needs.
- Participate in the survey and design of solutions.
- Develop applications complying with the established technical definitions.
- Investigate and implement POC on Artificial Intelligence techniques that allow the handling and processing of documents (PDF) for legal purposes.

Technical Lead
Falabella   2022 - 2023   Santiago, Chile
- Work in collaboration with the Product Owner to analyze business requirements.
- Design solutions applying the best practices and established design patterns (Tech Rules).
- Manage the project backlog.
- Lead the team of developers and ensure that the solution meets the established technical guidelines.
- Be the point of contact between the team and other business areas.

CTO & Co-Founder
Neurogenesis IA Technologies   2021 - 2022   Barcelona, Spain
- Research new technologies to apply them in the operational development of the company.
- Develop algorithms that allow the creation of AI models that contribute to social and environmental welfare.
- Manage Cloud platform, AWS, to develop and automate the company's projects.
- Manage end-of-master projects, in collaboration with different programs, such as AI, DevOps, UX/UI and Industry 4.0.

Senior IT Consultant
NTT DATA   2019 - 2021   Santiago, Chile
- Analyze and assess customer needs.
- Identify risks and vulnerabilities in existing technical solutions and underlying processes.
- Ensure that solutions work according to technical and functional requirements.
- Develop proposals and strategies for the development of IT solutions.

Senior IT Analyst
Falabella   2015 - 2019   Santiago, Chile
- Manage and develop requests made by the business unit.
- Develop web solutions that facilitate integration with legacy systems.
- Supervise the assignments of the work team and/or suppliers.
- Ensure operational continuity of processes.

Senior IT Consultant
NTT DATA   2010 - 2014   Santiago, Chile
- Participate in the design and development of applications.
- Write and maintain code to meet established technical definitions.
- Evaluate code quality using various static source code analysis tools.
- Document code and write user guides to facilitate third party understanding.

EDUCATION

Master's Degree in Artificial Intelligence
Polytechnic University of Catalonia
2020 - 2021

Civil Engineer in Computer Science
University of Santiago of Chile
2012 - 2017

TECH SKILLS

AWS • **AI** • **Data Science** • **Datasets** •

Machine Learning • **Supervised Learning** •

Deep Learning • **Tensorflow** • **Keras** • **NumPy** •

Pandas • **Scikit-learn** • **Matplotlib** • **Seaborn** •

Convolutional Neural Networks (CNN) •

Image Processing • **Object Detection** •

Computer Vision • **OpenCV** • **NLP** • **Chatbots** •

Python • **Backend** • **Java** • **Spring Boot** •

Databases • **SQL** • **PL/SQL** • **Web Services** • **APIs** •

Atlassian Suite • **Agile Methodologies** • **Git**

SOFT SKILLS

Active listening • **Teamwork** • **Leadership** •

Ability to adapt • **Effective communication** •

Problem solving • **Customer service** •

Time management and organization •

Critical thinking • **Leadership** •

Project Management

LANGUAGES

| Spanish | Native | ●●●●● |
| English | Upper-Intermediate (B2) | ●●●○○ |