

Nicolás Christie

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Work Experience

- 11.2020 — present

- Brainlab**

Munich, Germany

Senior Business Applications Developer | Power Platform & SharePoint Administrator | Apprentice Trainer
 - Leading the design and development of advanced enterprise applications for a global organization of 3,000+ employees. Building integrations across platforms like SAP, Azure, SharePoint and Salesforce through an ESB (C#), and implementing scalable workflow solutions using Azure services and the Power Platform (PowerApps, Power Automate). Responsible for Power Platform and SharePoint administration, governance, and best-practice adoption. Responsible for training and supervising interns (Azubis) passing through our department, coaching them to learn about best coding practices, critical company processes and technologies we use. First experience with fully local LLMs and AI integrations using Ollama, successfully implementing a proof-of-concept for company CO₂ emissions estimations.
 - C# .NET, SQL, HTML, React, Azure, MS Power Platform and SharePoint development.
 - Experience with LLMs and AI integrations using Ollama.

About the company: Brainlab is a healthcare equipment developer, and has been innovating for over 35 years in the areas of surgery and radiation therapy, developing hardware and software technology to help healthcare providers, physicians and their patients fight cancer and other conditions of the brain and body.

05.2017 — 10.2020

- EURO-LOG A.G.**

Hallbergmoos (Munich), Germany

Senior Software Developer
 - Engineering advanced Transport and Supply Chain Management logistics administration websites for diverse, multi-targeted industries. This involved optimizing performance to efficiently handle and process high-volume data requests, ensuring robust and scalable solutions for complex logistical operations.
 - ASP.NET C#, HTML, JavaScript and SQL development.

About the company: Euro-Log is a logistics service provider for Transport-, Container- and Supply Chain-Management Systems, shipment tracking and administration for automotive, e-commerce, retail and other industries.

05.2011 — 04.2017

- TecnoCientífica S.A.**

Ciudad Autónoma de Buenos Aires, Argentina

Project Architect (R&D Department)
 - Innovating and implementing comprehensive software, firmware, and hardware solutions to seamlessly integrate management software with hardware devices, both in laboratory settings and embedded within processing plants. Successfully migrated, re-designed, and unified three distinct product/device families into a single cohesive Software (WinForms .Net C#) + Firmware (C++) solution for multiple hardware devices (PIC18 μ Processors), incorporating a versatile RS232+CAN+I2C communication protocol to ensure robust connectivity and performance in hostile working environments.
 - Firmware, hardware and software design/development.

About the company: TecnoCientífica is a service, technical assistance and consulting provider, manufacturer of quality measure and control devices and multi-device solutions for food processing industries including laboratory and real-time multi-point in-plant embedded solutions.

Hardware & Software Developer

- Engineered remote electronic lock trackers, satellite-connected temperature control systems for refrigerated products, GPRS and satellite status reporting solutions and RFID driver login systems. All projects requiring a high focus on security standards.
- Firmware, hardware and software development.

About the company: Sistelcom is a transport security service provider, research, development, integration and commercialization of electronic security solutions applied to logistics, such as freight temperature tracking and electronic container locks.

Education

- 2019 — 2020

- Udacity.com**

Self-Driving Car Engineer Nanodegree Program.
- 2003 — 2009

- Instituto Tecnológico de Buenos Aires**

Electronics Engineering Diploma
Specialization: Telecommunications

Languages

Spanish (native), German (C2/fluent) and English (C2/fluent)

Skills Summary

Software:

C#PythonHTMLCSSJavaScriptNode.jsReactSQLOllamaGitAzureAzure DevOps

SharePointPower AutomatePowerAppspower BIASP.NET/.NETMongoDB

C/C++Matlab

Hardware:

PIC (Microchip)LPC (NXP/Philips)ZigBee/XBeeGPSRFIDCPLDFPGACANI2C

Algorithms:

Machine LearningLLMSLAMComputer VisionConvolutional Neural NetworksSensor Fusion

U/EKFPIDDSP

Other

Projects

- (2009) Thesis project, implementation of automated lighting control system and presence detection.
- (2009) First place in the 2008 edition of the ITBA R&D contest for our work in “Pre-processing of images for matrix code (QR codes) decoding in embedded systems”.
- (2008) Mention of honor in the 2007 edition of the ITBA R&D contest for our work in “An Image Restoration Method for Natural Scene Images Distorted by Camera Shake Blurring”.
- (2008) Research and implementation of a speed control system using magnetic brake adjustment.