

Nicolas Padula

Software Developer

Santa Fe, Argentina
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WORK EXPERIENCE

Diveria, Santa Fe, Argentina— *Full Stack Developer*

APRIL 2017 - PRESENT

- Development of validation and management systems for health services providers (.NET, TypeScript, React, SQL Server)
- Development and customization of management systems for an overseas company. (Sharepoint, jQuery, .NET, JavaScript, Kncokout)

Institute of Development and Design - National Scientific and Technical Research Council (CONICET) , Santa Fe, Argentina— *Research Fellow*

MAY 2014 - DECEMBER 2016

R&D projects concerning semantic integration of heterogeneous data sources in a supply chain oriented context. (OWL/SWRL, Java, Stardog, MongoDB). The job also involved writing papers and presenting them at conferences.

National Technological University (UTN-FRSF), Santa Fe, Argentina— *Teaching Assistant*

AUGUST 2014 - AUGUST 2018

Teaching Assistant in Programming Paradigms, a second year subject of the Information Systems Engineering degree. (Prolog, SmallTalk, LISP). The job entailed lecturing, and elaborating and grading of assignments.

Freelance, Santa Fe, Argentina— *Freelance Developer*

NOVEMBER 2015 - FEBRUARY 2016

Project planning and requirements elicitation and modelling for the development of a management system for an agricultural company. (Scrum).

JANUARY 2015 - JULY 2015

Development and testing of a management and traceability system for an agricultural company. (C#, WinForms, SQL Server, Entity Framework).

EDUCATION

National Technological University (UTN-FRSF) , Santa Fe, Argentina— *Information Systems Engineering*

2011 - PRESENT

Siglo XXI Institute, Paraná, Argentina— *Secondary Education Degree*

2004 - 2010

SKILLS

C#, ASP.NET, .NET Core, SQL Server, Sharepoint

JavaScript, TypeScript, NodeJS, Webpack

React, jQuery, Knockout, HTML, CSS

Ontologies, Java, MongoDB

PUBLICATIONS

Application of semantic technologies for the integration of product structure information stored in ERP systems. (2014).

Definition of a product family model for a laptop catalogue using ontologies. (2015).

Defining product families using OWL and SWRL. (2015). ISSN: 1666-6917.

An implementation of PRONTO using OWL and SWRL. (2015).

Adding semantics to MongoDB. (2016). ISSN: 1666-6917.

LANGUAGES

Spanish (*Native*).

English (*Full professional proficiency*).