Ana Laura Diedrichs

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https://anadiedrichs.github.io

EDUCATION

Universidad Tecnológica Nacional, Mendoza, Argentina — *Ph.D. candidate*

2014 - 2019

PhD candidate at Universidad Tecnológica Nacional, Facultad Regional Mendoza (UTN FRM).
Carrier: "Doctorado en Ingeniería mención civil-ambiental" PhD advisor Dr. Facundo Bromberg. Co-advisor: Dr. Diego Dujovne.
Topic: prediction of frost events using machine learning and internet of things.
Status: writing my thesis proposal.

Universidad Tecnológica Nacional, Mendoza, Argentina — *Information System Engineer*

MONTH 2004 - MONTH 2009

GPA: 7.881. (The GPA value are between 1 to 10, with 1 as the minimum and 10 as the maximum)

September 2008 - March 2009. Exchange program UTN-DAAD Participation in WISEBED project – Future Internet about wireless sensor networks. University TU Braunschweig, Germany.

EXPERIENCE

Consultant, Mendoza — Machine learning & Internet of Things

DEC 2018 - PRESENT

Universidad Tecnológica Nacional, Mendoza — Teacher assistant

APRIL 2012 - PRESENT

Machine learning. Teleinformatics. Wireless Sensor Networks. Tutor support for students' final projects for electronic Engineer career. Informatics for second year students.

Freelance software developer, Mendoza

MAR 2011 - DEC 2012

Technologies involved: C# .NET, Crystal Reports, MySql. Java, JSP, JSF, javascript, jquery, JasperReports.

SKILLS

Linux, R, Python, C, and others

Internet of Things: networking and prototyping.

Machine learning: classification, regression, clustering and predictive analytics.

Data science: data cleaning, tidying, report with Jupyter notebooks or RMarkdown, ggplot2 and shiny.

LANGUAGES

Spanish (mother tongue), English, German

Itiers Business Technologies, Mendoza, Argentina — *.NET Developer*

OCT 2009 - FEB 2011

Development of a system of billing and accounts. Technologies involved: C# .NET, Crystal Reports, winforms, MySql, ClickOnce, MicroStrategy, Object Oriented Design.

Itiers Business Technologies, Mendoza, Argentina — *Java Developer*

Nov. 2007 - August 2008

Development of a online booking system for tourist services. Technologies: Java, xml, xsl, JSP, HTML, MySql, Linux, Object Oriented Design.