Leandro Pineda

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EDUCATION

Universidad Nacional del Litoral, Santa Fe, Santa Fe, Argentina   2009 – Today
- Facultad de Ingeniería y Ciencias Hídricas
  - Degree in Computer Engineering, expected graduation 2017.
  - Approved courses: 34 • Progress: 81%.
  - Partial G.P.A.: 8.06.
- Thesis: Designing a computer network anomaly detection system.
  - Objective: design and build a distributed system for anomalous behaviour detection, analysing network traffic and log files content from different application services like apache and mysql. This will be accomplished by means of *data streaming* techniques for processing data from different sources in a real-time fashion.

E.E.T. Nº 478 "Dr. Nicolás Avellaneda", Santa Fe, Santa Fe, Argentina   2005 – 2008
- Educación Polimodal
  - Bachelor Degree: Computer Technician.
  - G.P.A.: 8.05.

Escuela Industrial Superior, Santa Fe, Santa Fe, Argentina   2002 – 2004
- Educación General Básica.

Escuela Nº 331 "Alte. Guillermo Brown", Santa Fe, Santa Fe, Argentina   2001
- Educación General Básica.

Colegio Don Bosco, Bahia Blanca, Buenos Aires, Argentina   1995 – 2000
- Educación General Básica.

PROFESSIONAL EXPERIENCE

Research Institute sinc(i), Santa Fe, Santa Fe, Argentina
- IT Support Technician   Aug 2014 – Today
  - GNU/Linux server administration.
  - Network maintenance.
  - DevOps at project: https://bitbucket.org/sinc-lab/webdemobuilder-docker

COURSES

Deep Neuronal Networks   Aug 2016 – Today
- Escuela de Posgrado y Educación Continua - UNR. Centro Internacional Franco Argentino de Ciencias de la Información y de Sistemas (CIFASIS) - CONICET.
  - Course contents: Introduction to Machine Learning. Artificial Neural Networks. Regularization techniques. Convolutional networks. Representation learning.
  - Course repository: http://github.com/CIFASIS/deep-learning-course

Duration: 60 hours • Rosario, Argentina.

LAN under MikroTik: Layer 1 & 2.   Oct 2016
- Objective: Introduce common layer 1 and 2 protocols, and their configuration using Mikrotik.
  - Course contents: Ethernet configuration. Speed: Full Duplex/Half Duplex, statistics. Understanding Torch. Bridge mode. L2 filters. L2 NAT. STP y RST. Bridge ethernet-WiFi. VLAN. Cloud routers. IVL. CVS. Mesh networks. HWMPlus networks. L2 point-to-point connections. PPP and L2TP. Profiles. Client/Server configuration. PPPoE protocol.
  - Teaching: Pablo Roa.

Duration: 32 hours • Santa Fe, Argentina.

Functional Programming Principles in Scala   Jul 2016
- École Polytechnique Fédérale de Lausanne en http://www.coursera.org.
  - Course contents: Functions & Evaluation. Higher Order Functions. Data and Abstraction. Types and Pattern Matching. Lists. Collections
  - Certificate: https://www.coursera.org/account/accomplishments/records/XP7CXSHS2PV8

6.00.1x: Introduction to Computer Science and Programming Using Python   Mar 2016

- edx, Inc. (MOOC platform)
  - Course contents: Introduction. Core elements of programs. Simple algorithms. Functions. Recursion. Objects. Debugging. Assertions and Exceptions. Efficiency and orders of growth. Memory and search. Classes. Object Oriented Programming and Inheritance. Trees.
  - Certificate: https://courses.edx.org/certificates/c8d7817c072644b191489164127b815d

Network Management using Mikrotik   Dec 2015

- Objectives: Learn about Routerboard hardware platform. Applications and performance. Learn to manage a Mikrotik node in different modes. Compare specifications and hardware requirements.
  - Course contents: Different hardware platforms. Routerboard types: performance and applications. Licenses. Routerboard and PC. Routerboard BIOS management. Booting from FLASH NAND. Management and remote access. RS232 access. Command line interface. Password reset. Software upgrade. Mikrotik information repository. Common failures and problems.
  - Teaching: Pablo Roa.

Duration: 20 hours • Santa Fe, Argentina.

CONFERENCES AND SEMINARS

45º JAIIO - Jornadas Argentinas de Informática   Sep 2016

- Sociedad Argentina de Informática – Centro Cultural Borges at UNTREF.
  - Each JAIIOs is organized as a set of one or two days long separated symposia, each one dedicated to a specific area, in order to allow interaction between their attendants. Parallel sessions are held where papers from annual reports and research results are discussed, as well as conferences and meetings with Argentinian and foreign professionals.

Duration: 3 days • Buenos Aires, Argentina.

Introduction to Application Security - Microsoft Research   Jul 2016

- Escuela de Ciencias Informáticas – Departamento de Computación, UBA.
  - This course will introduce students to adversarial mindset, i.e., how to think like an attacker, and will include an overview of the most common types of vulnerabilities in use in exploitation today, including buffer overruns and the most common web vulnerabilities such as cross-site scripting and SQL injection.
  - Thematics: Introduction to the adversarial mindset. Memory safety and buffer overruns. Web application security. Privacy. Tools for static and runtime analysis. Hacking for fun and profit: case studies: cars, routers, and other devices.
  - Teaching: Ben Livshits.
  - Grade: 8 (eight).

Duration: 5 days • Buenos Aires, Argentina.

Internet of Things - Cablevisión   Jul 2016

- Escuela de Ciencias Informáticas – Departamento de Computación, UBA.
  - Objective: Show what is IoT and what can be done today, giving practical examples and showing what this technology has to offer to people who are willing to pay for those services.
  - Teaching: Gabriel Carro - R&D department.

Duration: 5 days • Buenos Aires, Argentina.

Cyber-security principles for enterprise environments - Intel Security   Jul 2016

- Escuela de Ciencias Informáticas – Departamento de Computación, UBA.
  - Objective: present how the security of an enterprise is structured to ensure their protection. Also are discussed some known tactics, techniques and procedures (TTPs) that are being used in cyber-attacks.
  - Thematics: Anatomy of an attack and the *Cyber Kill Chain*. Network security and enterprise infrastructure. Defence in depth. Protecting enterprise networks. Protecting enterprise *endpoints*.
  - Teaching: Matías Cuenca-Acuna, Leonardo Frittelli, Marcelo Lorenzati, María Emilia Torino and Gustavo Yaguez.
  - Grade: 10 (ten).

Duration: 5 days • Buenos Aires, Argentina.

VI Iberoamerican Congress of Researchers and Teachers of Law and Informatics   May 2016

- Facultad de Ingeniería y Ciencias Hídricas – Universidad Nacional del Litoral.
  - The Iberoamerican Congress of Researchers and Teachers of Law and Informatics, is a meeting that convene teachers and researchers from both Law and Informatics areas, with the intention to create an area that allows sharing and developing further investigation, to generate ties of cooperation in order to deepen the knowledge from debate and exchange of ideas.

Duration: 3 days • Santa Fe, Argentina.

The role of vision in entrepreneurship Feb 2015
- Secretaría de Vinculación Tecnológica y Desarrollo Productivo – Universidad Nacional del Litoral.
  - Objective: Identify the importance of both mission and vision, and also how important is for a successful enterprise, providing the main techniques and tools that facilitate its materialization.
  - Thematics: Characteristics of the entrepreneur. The mission of the entrepreneurship. The vision of the future of the entrepreneur. Carrying forward the mission and vision: the Business Plan.
  - Teaching: Gustavo Miazzi and Hugo Amante.

Duration: 6 hours • Santa Fe, Argentina.

LANGUAJES
- English: Professional Proficiency.
- Spanish: Native.
- Dual Citizenship: Argentine/Spanish

SKILLS

Programming
- Advanced Knowledge: Python • C++
- Other languages: Java • Scala • SQL • PHP

Technologies / Frameworks
- Apache Spark • Apache Flink • Apache Kafka • Docker

LINKS
- github.com/leandropineda
- linkedin.com/in/leandropineda-lp

INTERESTS

Network Security, Machine Learning, Big Data, Network Infrastructure.

HOBBIES AND CRAFTS

Gym, Running, Fishing.

Last update November of 2016