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 2018.
  - Approved courses: 39 • Progress: 96.55%.
  - Partial G.P.A.: 8.08.
- Thesis: Designing a computer network anomaly detection system.
  - Goal: 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 using *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.

PROFESSIONAL EXPERIENCE

McAfee, Inc., Córdoba, Córdoba, Argentina

- Software Engineer   Jan 2017 – Today
  - Python developer.
  - Automation.
  - Endpoint Forensics.

Research Institute sinc(i), Santa Fe, Santa Fe, Argentina

- IT Support Technician   Aug 2014 – Dec 2016
  - GNU/Linux server administration.
  - Network maintenance.
  - DevOps at project: https://bitbucket.org/sinc-lab/webdemobuilder-docker

COURSES

FOR508: Advanced Digital Forensics, Incident Response, and Threat Hunting.   Feb 2018

- FOR508: Advanced Digital Forensics, Incident Response, and Threat Hunting. SANS Institute.
  - Topics: detect how and when a breach occurred, identify compromised and affected systems, determine what attackers took or changed, contain and remediate incidents, develop key sources of threat intelligence, hunt down additional breaches using knowledge of the adversary.
  - Course: https://www.sans.org/course/advanced-incident-response-threat-hunting-training
  - Certificate: https://www.youracclaim.com/badges/3b26b130-d265-4d5e-9d8f-cd6fdc95c925/public_url

Duration: 6 days.

LAN under MikroTik: Layer 1 & 2.   Oct 2016

- Goal: Introduce common layer 1 and 2 protocols, and their configuration using Mikrotik.
  - Topics: 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.
  - Topics: 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)
  - Topics: 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

- Goals: Learn about Routerboard hardware platform. Applications and performance. Learn to manage a Mikrotik node in different modes. Compare specifications and hardware requirements.
  - Topics: 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

RSA Conference — Apr 2018

- Moscone Center.

Duration: 3 days • San Francisco, California.

Ekoparty Security Conference — Sep 2017

- Ciudad cultural KONEX.
  - The eko is held annually in the Autonomous City of Buenos Aires. In this event, attendees, guests, specialists and referrers on this field from all around the world, have the opportunity to get involved with the latest technological innovations, vulnerabilities and tools. The talks are translated simultaneously and can be heard in Spanish and English

Duration: 3 days • Buenos Aires, Argentina.

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.
  - Topics: 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.

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

- Escuela de Ciencias Informáticas – Departamento de Computación, UBA.
  - Goal: 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.
  - Topics: 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.
  - Goal: 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.
  - Topics: 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.

LANGUAGES
- English: Medium.
- Spanish: Native.
- Dual Citizenship: Argentine/Spanish

SKILLS

Programming
- Advanced Knowledge: Python • C++
- Other languages: Java • Bash
- Technologies / Framework: Docker • Flask

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

INTERESTS   Systems Security, Microservices, Automation.

HOBBIES AND CRAFTS   Running, Crossfit.

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