

Curriculum vitae

PERSONAL INFORMATION



Enrique Alfredo Miranda

✉ eamiranda@unsl.edu.ar

in <https://www.linkedin.com/in/eamiranda-ok/>

Date of birth 20/08/1986 | Nationality Argentine

EDUCATION AND TRAINING

2013 – 2018 Doctorado en Ingeniería Informática

Universidad Nacional de San Luis

Thesis title: Strategies to interconnect the Problem and Program Domains of Large-scale Systems Written in Multi-paradigm Languages

Keywords: SOFTWARE ENGINEERING / PROGRAM COMPREHENSION / PROBLEM AND PROGRAM DOMAIN MAPPING

Directors: Dr. Daniel Riesco / Dr. Mario Berón

Addition Information: Supported by CONICET Doctoral Scholarship

2005 – 2013 Licenciatura en Ciencias de la Computación

Universidad Nacional de San Luis

Final project degree title: Evaluation of Software Visualization Functionalities provided by Graphic Libraries

Keywords: SOFTWARE ENGINEERING / EVALUATION METHODS / GRAPHIC LIBRARIES

Directors: Dr. Mario Berón / Dr. Germán Montejano

2005 – 2010 Analista Programador Universitario

Universidad Nacional de San Luis

Postgraduate Courses (17)

Last 5 --

- ▷ 2021 – Cybercrime and Digital Evidence Posgraduate Program (UBA) (160hs)
- ▷ 2021 – Cryptocurrency and Dark Web Investigations (20hs)
- ▷ 2020 – Social Engineering - 2d Level (80hs)
- ▷ 2018 – Introduction to Data Science (80hs)
- ▷ 2017 – English for Scientific Writing - Intermediate (80hs)

WORK EXPERIENCE

Jun 2019 - present Ministerio Público Fiscal - San Luis - Departamento de Investigación de Delitos Complejos

Digital Forensics Analyst - *Jefe de Departamento*

- Computer and Mobile Forensics;
- I+D on Digital Forensics;
- Participating in training and counseling for members of the MPF;
- Assisting at Congresses, Workshops and Conferences in Digital Forensics;

Aug 2018 - May 2019 Instituto de Matemática Aplicada - San Luis (IMASL)

Assistant Profesional

- I+D on topics related to Data Science and Structural Bioinformatics.

Apr 2013 - Mar 2018 Doctoral Fellow Type I - Strategy Topics - CONICET

- Researching topics closely related with Software and Reverse Engineer;
- Publishing research results;
- Participating in postgraduate courses, exhibitions and collection activities;
- Exposing/Assisting at Congresses, Workshops and Conferences in Computer Science;

Feb 2011- present Teacher at Department of Informatics

Universidad Nacional de San Luis – FCFMyN

Degree: Licenciatura en Computación (Bachelor Degree in Computer Science), Ingeniería Informática (Informatics Engineering) ; etc.

Courses: Programming I & II; Software Engineering; Real Time Operating Systems;

Postgraduate: Maestría en Ingeniería de Software (Master's Degree in Software Engineering) and Doctorado en Ingeniería Informática (PhD in Informatics Engineering).

PERSONAL SKILLS

Mother tongue Spanish

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B1 ¹	B2 ¹	B2 ¹	B1 ¹	B2 ¹

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
[Common European Framework of Reference \(CEF\) level](#)

¹ Certificate expedited by Instituto Cultural Argentino (2004)

Communication skills

- Different oral expositions in national conferences, workshops and talks.
- Publication of research results in national and international conferences and journals.
- Generation of teaching material (slides, notes, labs, exams, etc.).

Organisational / managerial skills

- Academic formation of human resources: director of final projects developed by undergraduate students.

Technological skills

- Basic: C, C++, HTML, Bash, NumPy, Pandas, Rest, SOA, Model Driven Development, MySQL. Intermediate: Python, Java, UML, Graphics Libraries (like GraphViz, Jung, Prefuse), AntLR, Parsers, Abstract Syntax Tree, Magnet Axiom, Encase, UFED, Tableau Forensics, Open Source Intelligence (OSINT), Office suites (OpenOffice and MS Office), Microsoft Windows, Linux, Kali Linux, etc.

ADDITIONAL INFORMATION

Publications (refereed)

- 3 articles in international indexed journals.
- 3 papers in international conferences.
- 2 book chapters.
- 2 articles in national journals.
- 19 papers in national conferences and workshops.

Scholarships

- 2 postgraduate scholarships. 4 undergraduate scholarships.

INTERESTS

