Guimar Nicolás Javier

Santa Fe, Santa Fe, Argentina

Email: njguimar@protonmail.com
Mobile: +54-342-405-0959
LinkedIn: njguimar

Infosec professional, developer, problem solver, highly self taught and automation addict.
Persistently searching the unintended paths.

Experience

- **Musimundo** — Santa Fe
  Information Security Analyst — *2016 - Present*
  - **Vulnerability Management**: conducting the identification, analysis, validation and generation of vulnerability remediation plans in infrastructure and corporate systems, both external and internal.
  - **Continuous Security Scanning Platform**: implementing a continuous security scanning platform for both external and internal assets through the use of automation scripts with Python and Bash for open source tools like nmap, OpenVas, Nikto or ssllabs-scan and commercial ones like Nessus, among others.
  - **Intrusion Tests**: running pentests against the infrastructure and corporate web applications, both external and internal.
  - **PCI DSS**: managing and ensuring the standard compliance in the different company IT sectors.
  - **Code Analysis**: performing .NET code analysis on infrastructure libraries and critical business systems.
  - **B2B Authentication**: researching and implementing a client certificate authentication system for B2B services using IIS with ADCS integration.
  - **Development Standards**: creating different secure software development standards for REST APIs with ASP.NET WebApi 2 and web applications with ASP.NET MVC 5.
  - **Agile SDLC Model**: helping in the design, training and implementation of an agile development methodology in several company IT teams.
  - **Team Foundation Server**: conducting the installation, configuration, administration and maintenance of a Team Foundation Server farm that backs the version-control system, project management and the CI/CD pipeline of hundreds of systems.
  - **Software Metrics**: designing metrics for the traceability and the assistance to software development projects management, performing dimensional modeling and implementing them in QLikView and SSRS.
  - **R&D**: conducting technical feasibility studies for the integration of new technologies and tools in the company software development process.
- **Universidad Tecnológica Nacional - FRSF** — Santa Fe
  Research Scholarship - Project ID: EIUTIFE0002202TC — *2015 - 2016*
  - **R&D**: researched and developed several matching methods between attack and security patterns through syntactic and semantic text processing (NLP).
  - **Security Audit**: performed a security audit through static and dynamic code analysis on the virtual platform Virtuágora, validating different attack and security patterns.
  - **Python Development**: developed a REST API in charge of indexing, processing and searching for security and attack patterns, using Flask, Woosh and Python NLTK.
  - **Workshops**: set up and ran workshops about "Visual Application Testing Tools" for the chair "Agile Methods for Software Development" and "Introduction to Binary Exploitation" to the "Security in Information and Communication Technologies Research Group".
- **Universidad Tecnológica Nacional - FRSF** — Santa Fe
  Ad honorem work — *2015*
  - **Security Audit**: performed security audits, analyzed and reported multiple vulnerabilities on different web platforms of the institution.

Education

- **Universidad Tecnológica Nacional** — Santa Fe
  Information Systems Engineering - In progress — *2010 - 2015*
- **Escuela Industrial Superior** — Santa Fe
  Degree: Mechanical-Electrical Technician — *2003 - 2009*

Language Skills

	Reading	Writing	Spoken
Spanish	*Native*	*Native*	*Native*
English	*Advanced*	*Advanced*	*Intermediate*

Courses

- **Professional Testing Master:** *UTN-BA, 40 hs.* *2016*
- **Pentesting SAP Platforms:** *Onapsis Inc, 12 hs.* *2013*
- **Modular Arithmetic with Applications in Cryptography:** *UTN-FRSF, 20 hs.* *2010*
- **Counting Theory Elements:** *UTN-FRSF, 14 hs.* *2010*

Conferences and Workshops

- **Ekoparty Security Conference:** *Buenos Aires, Argentina* *2011 - 2019*
- 3^{th} **Information Security Workshop:** *UADER, Argentina* *2015*

Knowledge

- **Languages**: Proficient in Bash, C#, Powershell and Python. With competent knowledge of Assembly x86/x64, C, C++, SQL, TEX/LATEX
- **Databases**: Informix, MySQL, PostgreSQL, SQL Server
- **Operating Systems**: Debian, RHEL, Windows
- **Frameworks**: ASP.NET WebApi y MVC, Entity Framework, Flask, NLTK, PyQT, QT, Woosh
- **Security Tools**: Burp, gdb+gef, Ghidra, hashcat, Nessus, Netcat, Nikto, Nmap, OpenVas, tcpdump, w3af, wfuzz, Wireshark among many others
- **Others**: Apache Solr, CSS, HTML, JS, OWIN, QLikView, SSRS
- **In progress**: Django & Elixir