

# BORIS ANTONIO GONZÁLEZ Z.

Computer Science Engineer

M. Sc. Cybersecurity & Cryptographie



November 18, 1993, Panama



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## PROFILE

I am a responsible, proactive person with a high sense of punctuality. In working groups, I am characterized for taking the first step and proposing effective and efficient solutions. I like to speak in public and I am fluent in English and French. I have experience and passion for the field of technologies and computer science, mainly for cybersecurity.

## EDUCATION

- **Master 2 - Cybersecurity & Cryptographie**  
Université de Grenoble-Alpes / ENSIMAG, France • 2018 - 2019
- **Master 1 - Cybersecurity & Cryptographie**  
Université de Bordeaux, France • 2017 - 2018
- **Computer Science Engineering**  
Universidad Tecnológica de Panamá, Panamá • 2012 - 2016

## PROFESSIONAL EXPERIENCE

- **Soluciones Seguras**  
Project Engineer • 2020 - Present • Panama City, Panama
- **EY**  
CyberSecurity Analyst • 2019 • Paris, France

# SKILLS

## LANGUAGES NATIVE SPANISH SPEAKER

- **ENGLISH** TOEFL iBT - 2013

Spoken  
★★★★★

Written  
★★★★★

Comprehension  
★★★★★

- **FRENCH** DELF B2 - 2017

Spoken  
★★★★★

Written  
★★★★★

Comprehension  
★★★★★

## COMPUTER SCIENCES SKILLS

Network Security · Cyber Intelligence · Linux/UNIX · Windows Server · Raspberry Pi  
Reverse Eng. · Pentest · Forensics · OSINT · Binary Cracking · Web Security · Arduino  
Cryptography · OS Admn. · SOC · ELK Stack · IoT · Android · Binary Debug · Recon  
WAF · Privileged Account Sec. · Firewall Config. · Cloud Security · Virtualization Env.

**C**  
★★★★★

**C++**  
★★★★★

**Java**  
★★★★★

**Python**  
★★★★★

**HTML**  
★★★★★

**CSS**  
★★★★★

**SQL**  
★★★★★

**LateX**  
★★★★★

**Shell Bash**  
★★★★★

**Assembler**  
★★★★★

## OTHER EXPERIENCES

### RESEARCH & PUBLICATIONS

- *Development and implementation of a domotic system as a monitor of electric consumption using the cloud, an Android application and the Raspberry Pi technology.*

Magazine Iniciación Científica de la Universidad Tecnológica de Panamá.  
December 2017. P-ISSN 2412 0464. E-ISSN 2413 6786

[#IoT](#) [#RasPi](#) [#SmartEnergy](#)  
[#Domotics](#) [#Cloud](#)

- *Key reinstallation attacks: Breaking WPA2 by forcing nonce reuse*

Travail d'Etude et de Recherche, 2018.  
Research of the state of the art on wireless network vulnerabilities.  
Development and implementation of a PoC

[#Networks](#) [#Security](#)  
[#Crypto](#) [#WPA2](#)

### OTHERS

- **1st Place.** Interuniversity competition of tales and short stories Elsie Alvarado de Ricord. Panama, 2015
- **2nd Place.** StartUps "Shark Tank" organized by the United States Embassy. Panama, 2015
- Volunteer at Fundacion Amigos de los Ninos con Leucemia y Cancer. FANLYC Panama.