Gabriel **Acosta**

Software Developer · Python Expert

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Summary

Currently a student of Computer Engineering at UNCa - Argentina and Project Leader of Ninja-IDE. 5+ years experience in the development of desktop, mobile applications and web apps. Super nerd who loves Python, Linux and enjoys to customize all of the development environment. Interested in the study and development of interpreters and text analyzers.

Skills

PROGRAMMING LANGUAGES AND FRAMEWORKS

- Extensive knowledge of programming languages: Python, C/C++, QML/QtQuick, HTML, Javascript.
- Strong experience in the development of Desktop Applications with: Python/Qt, C++/Qt, QML/QtQuick.
- Strong experience in the development of Android Applications with: Qt/QtQuick Controls, C++.
- Strong knowledge in Unix/Linux operating systems.
- Experienced in web development: Python/Django/HTML.
- Strong knowledge in the development of low level software such as interpreters and text analyzers.
- Adapts easily new concepts and edge technology.
- Experienced in Source Code Management Tools (mostly Git).

Work Experience

Ninja-IDE   *Argentina*

PROJECT LEADER & CORE DEVELOPER   *Jan. 2015 - PRESENT*

- Developed the new editor of the current version in development.
- Developed many new features that makes the task easier for a Python developer.

Ca.Pre.S.Ca   *Catamarca, Argentina*

BACKEND PYTHON DEV   *Aug. 2017 - PRESENT*

- Implemented the core of a mass messaging system using Python and Celery.
- Developed a tool that takes the source code of a project and transforms it into an HTML document as documentation.

Colmena Coop.   *Catamarca, Argentina*

PYTHON DEVELOPER   *Jan. 2016 - PRESENT*

- Developed in Cocos2d-x an action puzzle game(Dragon Buster) targeting U.S. market.
- Implemented API server which is communicating with game client and In-App Store, along with two other team members who wrote the game logic and designed game graphics.
- Won the 2nd prize in final evaluation.

Honors & Awards

INTERNATIONAL

2017	**Finalist**, DEFCON 25th CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2014	**Finalist**, DEFCON 22nd CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2013	**Finalist**, DEFCON 21st CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2011	**Finalist**, DEFCON 19th CTF Hacking Competition World Final	*Las Vegas, U.S.A*
2012	**6th Place**, SECUINSIDE Hacking Competition World Final	*Seoul, S.Korea*

DOMESTIC

2015	**3rd Place**, WITHCON Hacking Competition Final	*Seoul, S.Korea*
2013	**Silver Prize**, KISA HDCON Hacking Competition Final	*Seoul, S.Korea*

Presentation

PyConAr 2016   *Bahía Blanca, Argentina*

SPEAKER FOR <EL TOUR DE PYQT>   *Nov. 2016*

- Introduction to the development of applications with Python and Qt

JUICa 2016   *Catamarca, Argentina*
SPEAKER FOR <DESARROLLO DE APLICACIONES DESKTOP CON PYTHON Y QT>   *Oct. 2016*
- Introduction to the development of desktop applications with Python and Qt

Writing

A guide for the development of an interpreter   *Blog*
WRITER   *Jan. 2018 - PRESENT*
- Introduction to the understanding and development from scratch of an Interpreter.

Program Committees

2016   **Problem Writer**, 2016 CODEGATE Hacking Competition World Final   *S.Korea*
2013   **Organizer & Co-director**, 1st POSTECH Hackathon   *S.Korea*

Education

UNCa(National University of Catamarca)   *Catamarca, Argentina*
COMPUTER ENGINEERING   *2012 - PRESENT*

Polimodal N°19 - Ciencias Naturales   *Belén - Catamarca, Argentina*
HIGH SCHOOL   *2009*

Extracurricular Activity

PoApper (Developers' Network of POSTECH)   *Pohang, S.Korea*
CORE MEMBER & PRESIDENT AT 2013   *Jun. 2010 - Jun. 2017*
- Reformed the society focusing on software engineering and building network on and off campus.
- Proposed various marketing and network activities to raise awareness.

PLUS (Laboratory for UNIX Security in POSTECH)   *Pohang, S.Korea*
MEMBER   *Sep. 2010 - Oct. 2011*
- Gained expertise in hacking & security areas, especially about internal of operating system based on UNIX and several exploit techniques.
- Participated on several hacking competition and won a good award.
- Conducted periodic security checks on overall IT system as a member of POSTECH CERT.
- Conducted penetration testing commissioned by national agency and corporation.