

# Renato Vargas Gómez

## Resume

### Personal Data

**Age:** 24 Years-old

**Residence:** Xalapa, Veracruz, México

**Mexico Personal ID Code Number:** VAGR960103HDFRMN02

**U.S. Visa Number:** 20111101530004

**E-mail:** albrk@protonmail.com

**LinkedIn:** <https://www.linkedin.com/in/renatovg/>

**Webpage:** <https://renato-vg.github.io/en>



### Professional Education

**Bachelor's degree in software Engineering, University of Veracruz (2014 - 2020)**

**Professional ID pending**

Relevant Modules included in the program:

- Programming paradigms
- Computer Networks
- Programming
- Data structures
- Software Requirements
- Software Engineering Processes
- Discrete Mathematics
- Software Development Technologies
- Computational Algebra
- Software Design
- User interfaces Design
- Software Development
- Web Systems Development
- Network Systems Development
- Software Testing

**Final Work:** Analysis of Consensus Mechanisms in Distributed Ledgers for the Protection of Confidential Data

**Defense of final work (video in Spanish):**

<https://www.facebook.com/watch/?v=717804545676578>

**Article in press (Spanish):**

<https://www.uv.mx/prensa/banner/egresado-de-ingenieria-de-software-presento-examen-profesional-virtual/>

**Generated products:** Research article approved for presentation at CONISOFT 2020 and for publishing in IEEE Xplore digital library, titled: "Consensus Mechanisms in Distributed Ledgers for the Protection of Confidential Data: A Multivocal Literature Review"

## Experience

- (2010) Cast member of the short film "Corre y Se Va" for the short film festival "Filmarte "
- (2016) Volunteering member of the Xalapa Kaikan Cooperative
- (2019) 200 hours software engineering internship at the department of academic software development at the Direction of IT development and academic support of the university of Veracruz

Performed tasks:

- Elaboration of manuals for the use of in-house developed WordPress tools
- API usage update for the weather site
- Assistance prototyping pages and sites
- Identification of insecure links in every university domain after a complete system upgrade

-(2019-2020) 480 hours social service at the Department of Support for the Integral training of the student at the General Direction of Academic Development and Educative innovation

Performed tasks:

- Department site webmaster
- Complete Website reorganization
- Support for the development of a local system in php for courses management
- Overall technical support for the direction

## Abilities and Knowledge

-Development experience in the following platforms:

- WordPress
- Unity
- Android SDK

-Known programming languages:

- |              |          |        |
|--------------|----------|--------|
| • C++        | • C#     | • PHP  |
| • Python     | • COBOL  | • Java |
| • Lisp       | • Lisp   |        |
| • JavaScript | • Prolog |        |

-Known platforms and applications:

- Software design tool Enterprise Architect
- Prototype design platform Pencil
- Audio editing application Audacity
- Image editing application GIMP
- Vector graphics editing software InkScape
- Microsoft Office suite

-Known web technologies:

- HTML
- JQUERY
- Bootstrap
- Ajax
- CSS
- JavaScript
- Laravel Framework

- Usage of version control software Git

-Experience with Windows NT, MacOS and Linux operating systems.

-SQL databases management

-UML design experience

-Languages:

- English: Exaver 3 certification issued by the University of Veracruz with an A grade equivalent to TOEFL IBT (101-109).
- Japanese: N5 Level certification of the Japanese Language proficiency test (日本語能力試験)

-Basic knowledge for musical interpretation of plucked string instruments

## **Education**

-High school and technical degree in Laboratory Chemistry at the Industrial and services Technological Baccalaureate Center 165 (2011 - 2014)

-Junior Highschool, Colegio Atenea Animas (2008 - 2011)

-Elementary School, Colegio Xalapa (2002-2008)