

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.html>



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)