Emilbert Alexis Ortiz

Curriculum Vitae

Profile

Systems and Computation Engineering graduate from the National University of Colombia, with a wide training and formation in networking, software architecture, system infrastructure, operations research, web development and technology applications. Also a broad emphasis in industrial and business processes. Having also a high development, understanding, learning and software improving capacity, complementing myself with a great proactive attitude and a great disposition to improve my skills through teamwork and self organization.

Education

2012–2018 **Systems and Computation Engineering**, *National University of Colombia*, Bogotá.

2018–Present **Master in Systems and Computation Engineering**, *National University of Colombia*, Bogotá.
On course

Experience

2016 **Assistant Student**, IT Unit, National University of Colombia, Bogotá.
Continuous development of the faculty graduates database web module, in charge of collecting and displaying securely their (the graduates) information, along with the making of a management user interface that allows the admin to filter, comunicate and make reports with the information of the undergraduate and graduate students.

Detail:
- Learning and web pages implementation through the *Laravel* framework, along with Javascript, JQuery and CSS.
- Data model design and implementation for the **PostgreSQL** database.
- IT configuration requests answering and tracing for the faculty members.

2017 **Junior Developer** , WEB DEVELOPMENT DEPARTMENT, Hightech Software, Bogotá.
Development assistance of web solutions required by the organization, both for client delivery so as for internal use of the organization processes.

Detail:
- Web modules implementation in Java EE, AngularJS and the CSS framework Bootstrap.
- Oracle database modification and usage.
- implementation of a web tool for supporting the testing area of the company, using the framework *Laravel 5.4* .

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Birth date: October 5th. 1995   1/3

2018 **Webmaster**, Statistic Activity Reinforcement Project, Statistics and Planning National Office, Bogotá.

Development, planing and architecture definition of the statistics web page application of the National University of Colombia located at `estadisticas.unal.edu.co`, which offers public statistical information of the university to the user in a graphical and nice arranged interface.

Detail:
- Architecture, requirements survey, technologies and methodologies definition in order to develop the web project.
- Report download functionality implementation for the surveys plugin of the webpage.
- Platform update and maintenance.
- Constant training in CMS TYPO3.

2018 **Fullstack Developer**, Hightech Software, Bogotá.

Multiple applications maintenance, functionalities development and implementation of web user interfaces along as backend services for finantial software. Issues and RFC Resolution.

Detail:
- Functionalities for java applications development, together with REST and SOAP services implementation.
- Web interfaces using Angular, HTML, JQUERY, AJAX and raw javascript.
- REST and JSON - RPC services consumption and user interface implementation.
- Oracle Database querys and procedures implementation

2019 **Analyst Programmer**, Technology Project, Conexia S.A, Bogotá.

Development of health software for an english speaking client, using Java EE and JSF.

Detail:
- Rest services consumption in the EJB
- User interfaces implementation using Primefaces, alongside javascript and bootstrap.
- Unit testing and support for client.

Skills

Basic c#, python, .NET , c, Android, MariaDB, AJAX, ITIL, eTOM, vagrant, docker, OracleDB, AngularJS, Java EE

Intermediate c++, xhtml, LaTeX, JQuery, Virtualization, Networking, Microsoft Office, SQL, **CMS TYPO3**.

Advanced UML, Java, PHP, javascript, Bootstrap , HTML, Laravel, Linux.

Languages

Spanish Native

English Advanced   *Conversationally Fluid*

German Medium-Advanced   *Basic Conversations*

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References

- **Beatriz Díaz Pinzón**, *PhD in Management Sciences* , former IT Unit Director, National University of Colombia - Economic Sciences Faculty
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  - ○ **Email:** bhdiazp@unal.edu.co

- **Alberto Rodríguez Rodríguez**, *Statistician*, Statistics and Planning National Office advisor, National University of Colombia
  .
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- **Luis Fernando Ortega Melo**, *Software Engineer*, Co founder, HighTech Software S.A.S
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2019

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