

ROXANA VELAZQUEZ

SOFTWARE DEVELOPER

▪ roxanavp87@gmail.com ▪ (210) 374-6625 ▪ linkedin.com/in/roxanavp
▪ github.com/roxanavp87 ▪ roxanavelazquez.com

SUMMARY

Proactive professional with 5+ years' experience developing software. Strong programming skills with solid understanding in object oriented programming. Passionate about solving complex problems and building innovative applications. Excellent leadership, project management and communication skills. Seeking to succeed in a stimulating, challenging environment while constantly learning and adding to my set of skills.

SKILLS

Back-end: Java/J2EE, C++, Python, MySQL, Spring MVC, JSP/Hibernate, Apache Tomcat, Maven.

Front-end: JavaScript, jQuery, AngularJS, RESTful web services, AJAX, Bootstrap, HTML, CSS.

Developer Tools: GIT, IntelliJ, Visual Studio, Eclipse, OpenCV, Matlab, Photoshop.

Operating Systems: Mac, Windows, Linux.

EXPERIENCE

CODEUP. San Antonio, Texas.

Mar 2017 - Jul 2017

Student Fellow

- Implemented full-stack web applications using Java, MySQL, Spring, JavaScript, jQuery, AJAX and Bootstrap.
- Ensured high quality code by using pair programming approach.
- Provided knowledge and individual mentoring to other students as needed.
- Stayed current on latest industry developments.

CINVESTAV. Guadalajara, Mexico.

Sep 2014 - Aug 2016

Software Developer

- Implemented a vision based system which can run in real time and is able to classify vehicles with accuracy above 96%. Built using C++, OpenCV and Matlab.
- Created and executed automated software test plans, cases and scripts to uncover, identify and document software problems and their causes.
- Collaborated closely with other team members to plan, develop and design robust solutions.
- Prepared reports concerning project specifications and activities.

ETECSA (Telecommunications Company). La Habana, Cuba.

Sep 2011 - Aug 2014

Software Engineer

- Implemented scalable applications using Java/J2EE, JSP/Hibernate, Eclipse and IntelliJ.
- Assisted in designing, building, and maintaining database to analyze network traffic control.
- Prepared Unit test cases and reviewing test results.
- Contributed software engineering expertise in the development of products through the software lifecycle, from requirements definition through successful deployment.
- Created detailed design documents using UML (Use case, Class, Sequence, and Component diagrams).
- Mentored other developers in coding practices, architecture and software development best practices.

DGPAU (Projects Design Company). La Habana, Cuba.

Sep 2010 - Aug 2011

Low Voltage Systems Engineer

- Engineered access control, fire alarm and structured cabling systems for commercial buildings.
- Made onsite visits to customers to gather critical information, resolve project issues, customer concerns, and review engineering plans.
- Managed multiple projects on a daily basis and accomplished project goals on time.
- Prepared documents to gather adequate information to complete projects, including ACAD drawings, specification sheets and equipment requirements.

CUJAE (Havana University of Technology Jose Echeverria). La Habana, Cuba.

Sep 2006 - Dec 2009

Teaching Assistant

- Provided assistance to students in Java and C++ labs.
- Prepared structured teaching guides pertaining to chapter material that complemented the lectures by the professor.
- Provided customized software for tracking student progress throughout the semester. It included reporting for the professor on assessments, projects, homework, lab work, attendance, and overall grades.

EDUCATION

Full Stack Web Developer

Mar 2017 - Jul 2017

CODEUP. San Antonio, Texas.

MSc Electrical Engineering

Sep 2014 - Aug 2016

CINVESTAV. Guadalajara, Mexico.

BSc Automation Engineering

Sep 2005 - Jul 2010

CUJAE. La Habana, Cuba.

PUBLICATIONS

- Implementation and Performance Analysis of a Radix-2 Decimation in Time FFT/IFFT. SOMI XXX, Instrumentation Congress. Durango, Mexico. Oct 2015.
- Characterization of Passive Filters using Virtual Instrumentation. RIELAC Magazine, Vol XXXV, ISSN 1815-5928. Jun 2014.