

# RODOLFO VALDES OLIVARES

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Rinconada de los Ciruelos 11, Rinconada San Isidro, Zapopan, JAL 45180

## Education

“Oregon State University”  
BS, Computer Science

Corvallis, OR  
Currently Attending

“Monterrey Institute of Technology”  
BS, Biotechnology Engineering  
BS, Electronic and Computer Engineering  
Completed 39 out of 60 credits

Zapopan, JAL  
May 2014  
May 2017

“Monash University”  
International Exchange

Melbourne, VIC  
Feb - June 2013

- Recognition letter for academic excellence

## Experience

*Test Automation Engineer*  
Apr 2017 – Present

IBM

- Automation of regression tests using Jenkins.
- Creating and following up defects.
- Making test cases with Robot Framework.
- Support to the hardware equipment.
- Setting up SAN and NAS networks.
- High availability clusters and virtual clusters using KVM.
- Creating and Optimizing test scripts on Perl, reducing script related failures by 20%.

*System Administrator*  
Apr 2016 – Apr 2017

IBM

- Installing, managing and configuring the storage equipment.
- Setting up SAN and NAS networks.
- Maintenance to the inventory database (Python).
- High availability clusters.

*Chief Operations Officer*  
Apr 2014 – Dec 2015

Biophrame Technologies

- Run physicochemical and molecular biology tests needed to implement new chitosan production process
- Coordinate sections such as regulatory affairs, finance and marketing

*Productivity Supervisor*  
Feb - Aug 2015

Saporis Comercial

- Executed a times and motion study on packaging lines achieving 40% improvement in packaging speed
- Led implementation of Total Productive Maintenance (TPM) on packaging lines

*iGEM Competition, First Place*

Boston, MA

Nov 2014

- Best entrepreneurship project
- Best presentation

*Laboratory Assistant*

R&D State Center (CIATEJ)

Aug-Dec 2013

- Analyzed potential anti-fungal effect of Super Absorbent Polymers (PSA) and Chitosan treatment in chili pepper plants

*Collaborator*

Research Project

June-Aug 2012

- “Determination of Potential Pathogenous Agents Related to *Lepidochelys olivacea* Egg Hatching Viability in Villa del Mar, Jalisco,”
- Presented findings at 15th Biotechnology and Bioengineering National Congress

## **Foreign Languages**

- English (106, TOEFL iBT)
- Spanish (native speaker)
- French (basic)

## **Technical Skills**

- Programming skills in Python, Java, Javascript, Perl and C
- Oriented Object Programming
- Linux
- Robot Framework and Jenkins
- Gerrit
- HTML and CSS
- Experience in hardware description languages such as Verilog and VHDL.
- Experience with Matlab (Simulink) and LabVIEW

## **Strengths**

- Team work and organizational skills.
- Highly adaptable and ability to work under pressure.
- Proficiency working with Agile and Scrum methodologies.