

Mauro Alejandro Zabala

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EDUCATION

Bachelor of Science, Electrical Engineering
Rice University, Houston, Texas

May 2016

EXPERIENCE**.Net Developer at Infosys Limited**

July 2016 - Present

- Participated in a three month Training Program
 - Had training sessions covering C#, SQL Server, ADO.NET, Entity Framework, and ASP.NET MVC.
- Contractor to Charles Schwab, back end developer
 - Used MVC framework and REST API to maintain and upgrade our web services as well as create new ones.
 - Used RabbitMQ message queueing system to send and receive messages between different applications.
 - Ensured software quality with unit testing using Rhino Mock framework before pushing code to our Quality Assurance Team.
 - Pulled client data from third party web services as well as from other Schwab Teradata Data Warehouses to store in our MongoDB databases.
 - Maintained and updated collections in our MongoDB databases for use in our web services as well as designing new collections for quick and efficient storage and retrieval for new web services.
 - Troubleshoot production issues using Splunk monitoring services.
 - Worked in an agile scrum environment with daily standup meetings and tracked work using Jira, Bitbucket, and other tools from Atlassian.
- Contractor to Charles Schwab on the Appdynamics Team
 - Responsible for operating and maintaining health of company applications
 - Deploying code to the applications, and ensuring success
 - Identifying and correcting monitoring and alerting gaps to prevent outage
 - Maintain accurate record keeping of system architecture
 - Perform change work under change management guidelines

Rice University Electronic systems design laboratory

Spring 2015

- Designed and operated high performance (high speed & frequency) electronic systems.
- Worked closely with integrated circuits and printed circuit boards.
- Developed proficiency in SPICE circuit simulator program.
- Worked with equipment such as oscilloscopes and spectrum analyzers.

SKILLS

- Proficient in Matlab, Python, C#, Java, Html, CSS, Bootstrap, JavaScript, and jQuery
- Proficient in Microsoft Office
- Fluent in English and Spanish
- Experience using Cadence circuit simulation program.

AWARDS

- Bill Wilson ECE Senior Design Award

April 2016