**Juan Duran**

**Houston, Texas | 346-336-1634 | juan.duran.info@gmail.com**

<http://juanduran.me> | Github.com/juanduranc | Linkedin.com/in/juan-duran-info

***Professional Experience***

**Software Engineer, Cofph.com Ophthalmic Medical Center & Healthcare**

Guayaquil, Ecuador. July 2019 - August 2019

**• Vb.Net & SQL:** Created a healthcare management software in coordination with doctors.

**• Accomplishments:** Doctors reduced the time to record and diagnose patients.

**• Networking:** Centralized data across multiple medical centers using VPN configuration.

**• Solutions:** Patients management system, diagnostics calculations, and digital file storage.

**• SDLC:** Delivered continuous updates by programming and testing quality before deployment.

**Industrial Engineer & Software Developer, Grundenplast**

Guayaquil, Ecuador. August 2017 - July 2019

**• Savings:** Moved servers and Apps to Azure, saving hundreds of $/month on energy bills and more.

**• Consulting:** Performed an Intellectual property analysis and eliminated one unfeasible product.

**• Engineering:** Streamlined reports about manufacturing issues, reducing time to resolve.

**• Vb.Net & SQL:** Reduced the probability of getting overweight products using data and charts.

**• Business Analytics:** Used Power BI & SQL to display business insights and KPIs.

**• Data:** Data modeling, data transformation, and Drill-Down to answer business questions.

**• Software Created:** Database-Backups system, live interactive reports, full-traceability of finished product's composition, full-traceability of warehouse activity by user, Kardex reports, and customer management systems.

**Software Developer & Data Engineer, Grundenplast**

Guayaquil, Ecuador. June 2015 - August 2017

**• Automation:** Programmed sensors to track the speed and energy usage of 6 machines.

**• Optimization:** Designed a system to input customer orders and plan manufacturing processes.

**• SQL Server:** Designed relational databases, programmed queries, and managed servers.

**• MVC Web App & C#:** Created an App for the sales team and secured it using DMZ and SSL.

**• Vb.Net:** Programmed company's ERP. Including inventory management and customer services.

**• Data Science:** Implemented tools to forecast inventory depletion and reduced costs.

**• Data Visualization:** Designed interactive charts for management decision making.

**• Business Analytics:** Created tools to identify customer purchasing behavioral patterns.

**• API Services:** Tested web services using Postman.

**Senior Design Project LSU, Orion Instruments**

Baton Rouge, LA. August 2014 - May 2015

**• Teamwork:** Designed two warehouse layouts to help workers collect items efficiently.

**• Vb.Net & SQL:** Identified warehouse items (worth thousands of dollars) not being used for manufacturing anymore.

***Education***

**Master of Science in Business Analytics (MSBA)**, **August 2020**

Hult International Business School | San Francisco, CA

**Bachelor of Science in Industrial Engineering**, **May 2015**

Louisiana State University | Baton Rouge, LA

Alpha Pi Mu Honor Society for Industrial Engineers with highest grades

**Skills & Certifications**

**Programming:** VB.Net, C#, SQL, Python, R, JavaScript, CSS, HTML, MySQL, NoSQL, Hadoop, Spark, and Hive

**Web Services:** MVC Web Apps, API services, VPN configuration, DMZ configuration, SSL certificates, web hosting & Azure

**Technical Skills:** Power BI, SQL Server, Tableau, Excel, PowerPoint, Access, Postman, Visual Studio, and Windows Server.

**SDLC**: Agile, Scrum, Kanban, and DevOps

**Teamwork**: Collaboration and group facilitating

**Language**:Fluent in Spanish and English

**Certificates:** Python Programming Track, R Programming Track, Machine Learning with the Experts, Building Dashboards with shinydashboard, Introduction to SQL, Intermediate SQL, Joining with SQL, and Software Architecture.