

# Juan Duran

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## 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.
- **Mobile App:** Created app to view and manage inventory.
- **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.