

Juan Duran

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Professional Experience

Information Systems Engineer, Out There Web Designs

Grove City, Ohio. July 2020 – Present

- **React JS:** Programmed using React to translate customer needs into the right web application & UI.
- **Teamwork:** Collaborated using Git repositories to manage code.

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. June 2015 - July 2019

- **Power BI:** Displayed business insights, KPIs, and customer behavior using SQL, data modeling, and Power BI.
- **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 them.
- **Vb.Net & SQL:** Programmed ERP which manages inventory & customer orders. Quality control charts and forecasting.
- **Data Science:** Implemented tools to forecast inventory depletion and reduced costs.
- **SQL Server:** Designed relational databases, programmed queries, and managed servers.
- **Data management:** Data modeling, data transformation, and Drill-Down to answer business questions.
- **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.
- **MVC Web App & C#:** Created an App for the sales team and secured it using DMZ and SSL.
- **API Services:** Tested web services using Postman.
- **Automation:** Programmed sensors to track the speed and energy usage of 6 machines.

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.