# Roy Emmanuel S. Medina

## PROFILE

Entry level Data Engineer with experience designing manufacturing database schemas and developing data transformation pipelines to create dashboards, screens, and reports. Background in planning and executing the development of business software applications for data collection, reporting, and analysis in a medical device manufacturing environment.

## WORK EXPERIENCE

### Dexcom – Data Analyst
(February 2020 – Present)
- Use statistical programming languages to run statistical analysis on manufacturing production data
- Develop Web Applications to collect, store, and transform manufacturing data for data collection, reporting, and analysis
- Designed, developed, and trained end users on data collection applications used to enhance diagnostic dashboards
- Create programs to extract, transform, and load datasets from multiple Microsoft servers onto enterprise cloud platforms
- Collaborate with internal teams to fulfill cross-functional tasks

### University of San Diego – Student Hardware and Software Lead
(August 2019 – May 2020)
- Prepare and provide training on enterprise IT equipment troubleshooting and information workflow processes
- Develop and document standard procedures to identify and resolve hardware and software issues

### University of San Diego – Student Technician
(August 2018 – August 2019)
- Manage phone calls from the campus community and assist in troubleshooting hardware and software issues
- Hands-on troubleshoot, diagnosis, and repairs on computers and devices of campus's community members
- Document and record IT incidents and requests

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Data Analyst

**Data Engineer**

Industrial and Systems Engineer

## CONTACT

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## SKILLS
(● = 1 year of experience)

### Software Languages
| | |
|---|---|
| Python | ●●● |
| SQL | ●● |
| R | ●● |
| HTML/CSS | ● |
| JavaScript | ● |
| Java | ● |
| C++ | ● |

### Software
| | |
|---|---|
| MS Office Suite | ●●●●● |
| Linux Terminal | ●●● |
| Tableau | ●● |

## EDUCATION & CERTIFICATIONS

### University of San Diego
2017 - 2021
BS/BA, Industrial and Systems Engineering
GPA: 3.52

### Lean Six Sigma Green Belt
2020
Issuer: University of San Diego