

# Marisol Mota

## Data Scientist Intern - San Jose State University

San Jose, CA - Email me on Indeed: [indeed.com/r/Marisol-Mota/1fd78ed37515c8bc](https://www.indeed.com/r/Marisol-Mota/1fd78ed37515c8bc)

Seeking a position that requires technical, business and statistical acumen to mine, break down and transform data for analyzing and creating business solutions.

Authorized to work in the US for any employer

### WORK EXPERIENCE

#### Data Scientist Intern

San Jose State University - February 2017 to Present

##### Tech Support Project

Identify trends in IT support data to help drive Management decisions

- Created visualizations using R, ggplot2 and Plotly.
- Constructed intuitive dashboards using Flex Dashboard.
- Data-mined and analyzed thousands of IT Services support tickets that allowed management to make better business decisions.
- Identified gaps in data collection that could help drive future improvements.
- Presented to peers and management on findings and suggestions.

##### Student Data Warehouse Project

Help create reports for Advisors based on Business Intelligence to drive student success.

- Worked with Student Advisors and a consulting group to build dashboards and ad hoc reports.
- Used Oracle's business intelligence tools (OBIEE) to build report dashboards from the Data Warehouse.

### EDUCATION

#### Bachelor of Science in Business

San Jose State University

May 2017

### SKILLS

CSS (Less than 1 year), data science (Less than 1 year), database. (Less than 1 year), Excel (Less than 1 year), HTML (Less than 1 year), R (1 year), SQL (1 year), Data Mining (1 year)

### ADDITIONAL INFORMATION

#### SKILLS

Proficient

- SQL - Written intermediate level SQL queries to obtain data.
- R - Exclusively used during the data science internship to analyze and develop applications used to create dashboards with data and visualizations. The notable packages used are:
  - flexdashboard
  - ggplot2

- HTML and CSS - Honed HTML skills through school assignments.
- Microsoft Office Suite - Word, Excel, Access, Outlook, PowerPoint.
- Windows 7, Windows 10, Mac OS X

#### Knowledgeable

- Python - Created applications that required user interaction and provided results from a SQLite database. Also used the pandas module to do some light data analyzing.