

ANDREIA FORBES

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Programing Skills: Microsoft SQL Server, SSRS, SSIS, R Programing, Python, Hadoop Impala and Hue, Power Bi, Qlik Sense, Tableau, QlikView, Git

Analytical Skills: Data Analysis, Business Intelligence, Data Mining, Data Engineering.

Other Skills: MS Project, Scrum, Agile, Word, Advanced Excel, PowerPoint, Access, Visio, QuickBooks, Quicken, PeopleSoft, Sales Force, SharePoint, Autotask, SAP, Project Management, Systems Development Life Cycle, Team Server Foundation, Visual Studio

Professional Experience

BD – Becton Dickinson

San Diego, CA

Data Analyst II

Feb 2018 – Present

- Develop Power Bi dashboards to show aggregated, for internal and external business units.
- Lead projects from start to end, collecting project requirements, design solutions, estimate time of project duration and completion, extract, analyze and present data analysis results to customers.
- Perform data exploration, aggregation, analysis, and visualizations using R.
- Automated analysis and facilitate data access reporting for internal customers.
- Develop complex SQL queries, using different data sources (Hadoop/MS SQL) to create datasets for statistical analysis.
- Develop Qlik Sense dashboard to show metrics of medication diversion of clinicians, to monitor discrepancies of data loads for customers.
- Work with team members to drive solutions that improve team efficiency and project deliverables to customers.
- Use git to store, track, review, test and manage source code with team members.

BD – Becton Dickinson

San Diego, CA

Clinical Senior Data Analyst

Nov 2013 – Jan 2018

- Developed queries, created store procedures and SSIS packages to extract data, and developed Infusion surveillance QlikView dashboards for internal customers, to track infusion pumps malfunction.
- Automated standard processes by using store procedures and SSIS to extract SQL data and update QlikView dashboards.
- Imported data from several data sources into MS SQL to facilitate data analysis and data mining.
- Completed ad hoc analysis for company's products, medical and lab data, documented the process, and automated them.
- Worked with different teams across the organization, (contracts, engineering, sales) to create a better process for onboarding new customers as well as improving current processes.
- Developed reports and presentations of clinical data with Microsoft SSRS for internal and external customers.
- Created and delivered monthly and quarterly standard infusion and medication reports for hospitals across the country, to assist them increase patient safety and decrease medical errors.
- Created an automation process using SSIS to decrease time for auditing and managing contracts of infusion customers.
- Assisted management in managing team projects as well as help training new team members.

CareFusion

San Diego, CA

Clinical Data Analyst

Oct 2011 – Oct 2013

- Lead training seminars for customers of company medical devices and software tools.
- Defined methodology and analytics approach as required for each specific data analysis project.
- Developed understandable report presentations of clinical and financial data for senior management.
- Developed prototype reporting/analysis templates (static and interactive).
- Prepared various reports required by internal and external customers on a routine and ad hoc basis.
- Interacted with and support cross-functional teams in new product development initiatives.
- Conducted analysis of healthcare data and develop continuous quality improvement documents and tools.
- Followed standard protocols in using technology and applying clinical information.
- Adhered to standards for communicating processes and methodologies related to programs and projects.

PMI San Diego Chapter
Database Manager (Volunteer)

San Diego, CA
June 2011 – May 2012

- Procured vendors and evaluated specific databases with different capabilities to fit business general needs.
- Developed scope, evaluated cost and budget, and recommended the best solution for the organization.
- Managed team members to populate the database to track organization's contact information as well as contracts, and increased the company's sponsorship and memberships as a result of the implemented project.

Jemnet Technologies
Project Manager (Volunteer)

San Diego, CA
May 2011 – Oct. 2011

- Led a team of 4 employees for the implementation and support automation of Autotask, Rapid Fire and Zenith InfoTech between company and clients to accelerate the workflow of ticket communication.
- Procured vendors, developed scope, defined resources, coordinated the team for timely completion and quality assurance of project within budget.
- Implemented new production methodologies that resulted in optimizing employee's time to finish the tasks, thus enhancing employee efficiency, and contributed to company's growth.

Clear Balance by CSI Financial Services
Administrative Assistant

San Diego, CA
Aug. 2010 – Oct 2011

- Performed data entry for updating and maintaining Salesforce.com database to ensure database accuracy, data integrity and data population and made outbound calls to collect and verify information for CRM database.
- Assisted in the preparation and editing of client and prospect proposals, training materials, presentations and logistics and distribution of customer and partner gift programs.
- Develop and publish bi-weekly summary report of industry related articles on trends and topics related to CSI's industry and business for distribution to management team.

Education

University of California Irvine - 2020

Data Science Certificate Program

Intro to Data Science
Data Exploration, Analytics and Visualization
Data Integration, Modeling and ETL
Intro to Python
Python for Data Analysis
Intro to R
Tools and Techniques for Machine Learning

University of California San Diego – Extension 2013

Data Management

Introduction to MS SQL Programming
Introduction to Business Intelligence using MS SQL Server
Intermediate MS SQL Programming
Introduction to SSRS
Intro to Statistics
Data Mining I

San Diego State University, San Diego CA October 2011

Project Management Professional Certificate

Salem State College, Salem MA December 2009

Bachelor of Science in Business Administration
Finance Concentration

International Honor Society Member – Delta Mu Delta – GPA: 3.56, Dean's List Every Semester.

Multilingual – Written and Verbal Fluency in English and Portuguese; Business Level in Spanish and working knowledge of German.

Other Online Self Learning courses

SSIS, SSRS, QlickView, QlikSense, Power Bi
Udemy – Machine Learning A-Z in Python and R
Udemy – R Programming: Advanced Analytics in R for Data Science

Udemy – Statistics for Data Science Using R

Udemy – Certificate in QlikSense Analytics Development

Udemy – Intro to Python

Training Certifications

Scrum Master