



PROFESSIONAL SUMMARY

Vision-driven change agent with a passion in data science, IT operations, and technology implementation success.

Proven talent for aligning analytical strategy and objectives with established technical development and client management paradigms to achieve maximum operational impacts with minimum resource expenditures. Growth-focused thought leader with expertise spanning data science, data mining and wrangling, dashboard creation, software engineering, information analysis and reporting, programming and scripting, deliverable methodologies, trend analysis, issue resolution, and project management. Exceptionally dedicated professional with keen interpersonal, communication, and organizational skills, as well as team collaboration, process enhancement, and client relations expertise.

TECHNICAL EXPERTISE

- Python
- R
- SQL/NoSQL
- Microsoft Excel
- Hadoop
- Spark
- VBA
- Tableau
- Matplotlib

PROFESSIONAL EXPERIENCE

COMPREHENSIVE CONSTRUCTION CONSULTING – CHICAGO, IL

November 2018 – September 2019

IT SPECIALIST

- Synthesized, scrutinized and munged data utilizing PANDAS in Jupyter Notebooks to ascertain and report trends and anomalies within construction processes and enhance project efficiency
- Originated and developed detailed dashboards in TABLEAU and MATPLOTLIB to assist clients in interpreting and comprehending data reported through comprehensive visuals
- Demonstrated expertise in researching, testing and evaluating a wide array of software with the goal of marketing and selling the software to clients
- Configured and developed custom BI reports, applying advanced queries to achieve reporting requirements within performance constraints
- Conveyed written and verbal technical information effectively to clients of varying technical experience
- Decreased the number of technical support inquiries through composing thorough documentation addressing common technical issues within processes
- Delivered expert technical support to a diverse client base using the company's software systems
- Streamlined and simplified multiple processes through business requirement analysis and rebuilding existing solutions
- Monitored and updated SQL scripts to create and populate tables within the database for daily reporting across departments
- Engineered and implemented analytics and visualization components for data analysis software

EDUCATION

DATA SCIENCE CERTIFICATION, JULY 2017

Northwestern University, Chicago, IL

Portfolio: github.com/DennisHBoston

COURSEWORK COMPLETED IN PSYCHOLOGY, MAY 2016

University of Missouri, School of Liberal Arts, Columbia, MO