ABIGAIL MCDONALD

Data Science and Analytics Enthusiast | A Devoted Team Player

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in https://www.linkedin.com/in/abigail-mcdonald-data/

⭘ https://abigail-mcdonald.github.io/Portfolio/

CORE COMPETENCIES

- Data Analytics
- Data Mining
- Data Modelling
- Data Visualization
- Project Management
- Reporting
- Research & Analysis
- Statistics

EDUCATION HISTORY

Master of Science in Data Science and Analytics; (GPA: 4.0)

Thomas Edison State University, Trenton, NJ, Expected Mar. 2023

Bachelor of Arts Mathematics; (GPA: 3.97)

Thomas Edison State University, Trenton, NJ, Mar. 2021

Awards & Honors: Alpha Sigma Lambda National Honor Society

Associate of Applied Science in Nursing

Lonestar College, Kingwood, TX

Aug. 2007

PROFESSIONAL PROFILE

A growth-focused data science and analytics postgraduate student with a distinct ability to collect, synthesize, and analyze data, extract meaningful insights from large volumes of data, and gain actionable intelligence to support decision-making. Adept at establishing priorities and directing resources most practically and cost-effectively to complete demanding objectives in fast-paced environments. Excellent autodidact that masters new technologies intuitively. Versatile and quick learner willing to embrace new challenges and eager to learn more and grow in the data science field.

WORK EXPERIENCE

Math/Science Tutor   Jan 2010 - Present
McDonald Academy, Conroe, TX
- Deliver private instruction to individual or small groups of students to teach skills and improve academic performance in all levels of Middle School and High School Math, Biology, Chemistry, and Conceptual Physics.
- Aggregate student data to identify performance trends and suggest strategies for improving academic performance.
- Utilize multiple teaching methods that include visual, tactical, and auditory materials to reinforce and simplify complex ideas.

Math/Science/Computer Science Teacher   Aug. 2017 - Apr. 2021
Faith Homeschool Cooperative, Fayetteville, NC
- Created a state-requirement aligned curriculum, and planned and implemented the instruction of: Early Elementary Mathematics, Middle School Coding and Computer science, High School Intro to Engineering, High School Algebra, High School Chemistry 1 and 2, and College Algebra.
- Volunteered as a coach for Science Olympiad team for the school years 2017/2018 and 2018/2019.

Teacher   Aug. 2012 - May. 2014
Helping Hands Homeschool Cooperative, Temple, TX
- Designed and implemented an early elementary math program targeting K-2nd grade that incorporated motor skills matched to mathematical concepts.
- Created a classroom environment that is conducive to learning and appropriate to the maturity and interests of the students.
- Increased academic achievement in students by fostering creativity, motivation, and critical thinking skills.

Nurse Aide Instructor   Aug. 2008 - May. 2009
Red Cross, Elizabethtown, KY
- Cited for excellence in leading, evaluating, and grading students' laboratory and clinical work, class work, and assignments.
- Developed course materials such as syllabi, homework assignments, and handouts.
- Initiated, facilitated, and moderated classroom discussions.

Nursing Internship (RN)   Sept. 2007 - Feb. 2008
Hermann Memorial Hospital Northeast, Humble, TX
- Maintained direct responsibility for providing age and culturally appropriate care including assessments, planning, implementation, and evaluation.
- Completed various patient tests and administered medications within the scope of practice.
- Monitored, recorded and communicated patient condition as appropriate utilizing computerized documentation.
- Instructed patients on their disease, treatment, and care plan to enhance their quality of life and promote a positive attitude.

TECHNICAL SKILLS & CERTIFICATIONS

Python, MySQL, MS Word/Excel/PowerPoint, PowerBI, Tableau, IBM Data Science Professional Certificate, Excel Skills for Data Analytics and Visualization Specialization (Macquarie University)