LEWIS GARVIN

DATA ANALYST

lewisgarvin@gmail.com
713-366-1521
linkedin.com/in/lewisgarvin
github.com/Lewis-Garvin

SUMMARY

- *[Note: I have not yet updated this Summary section.]*
- Business Analyst with over 10 years of experience throughout the software development life cycle, including project planning, requirements analysis, process and user interface design, system and user acceptance testing, and defect root cause analysis and resolution.
- Varied business intelligence experience, including reporting and metrics design, data modeling and ETL requirements for data warehousing, and ad hoc data analysis using SQL.
- Proven talent for collaboration and for written and oral communication with business, technical, and QA teams.
- Exceptional analytical and conceptual skills with thorough attention to detail and quality.
- Adept at learning new business domains and technical skills rapidly and adapting to changing project needs.

SKILLS

- **Tools:** SQL, Python, Excel, Power BI, Tableau, Git/GitHub, erwin Data Modeler, Toad Data Modeler, PostgreSQL, Oracle, SQL Server
- **Concepts:** data analytics, data modeling, business intelligence, data warehousing, ETL, Agile/Scrum, requirements analysis, user acceptance testing, GUI design, UML, SDLC

EXPERIENCE

Data Analyst Apprentice | Nashville Software School   **Sept 2022 – Present**

- As participant in full-time Data Analytics program, gaining hands-on experience in SQL, Python, Excel, Power BI, Tableau, and Git/GitHub through team-based projects.
- Learning full Data Analytics lifecycle, including data gathering and cleansing, data exploration and analysis, and storytelling through dashboards, reports, and presentations.

Projects
- Project 1
- Project 2

Freelance Consultant   **2016 – Present**

- Created market analysis for long term care facilities in Louisiana that shows comparable population, income, and facility capacities for every parish and metropolitan area in the state; client used analysis to obtain financing and further expand their existing facility.
- Created sales reports for specialty retailer that integrated data from three sales channels; also installed and managed Point of Sale system and filed monthly sales taxes.
- Analyzed demographic data with mapping tools to identify zip codes in art gallery's target market.

Senior Business Analyst for Healthways | Hewlett Packard Enterprise   **2011 – 2015**

- Defined 188 SQL Server tables in ERwin and requirements for Extract, Transform, and Load (ETL) of data from Oracle source tables; created SharePoint and Excel tools to track tables through development life cycle; resolved system and user acceptance testing issues.
- As liaison with Business Intelligence (BI) and Reporting teams, established template for BI and reporting requirements used by Business Analyst team; created report prototypes and metrics.
- Designed dimensional data model for data warehouse, including information requirements and data sources, based on analysis of reports and interviews with business and technical experts.
- Elicited, documented, and reviewed system requirements, use cases, and activity flows with HPE and client experts for multiple projects.
- Managed use of HPE Application Lifecycle Management (ALM) software by 10 Business Analysts as repository for 1500+ customer-approved requirements for 55+ development initiatives.
- Documented root cause, resolution, and testing needs of critical issues for maintenance team.

Senior Knowledge Engineer | Applied Systems Intelligence (now Veloxiti)   **2005 – 2010**

- Promoted from Knowledge Engineer to Senior Knowledge Engineer in 2007.
- Conducted extensive client interviews and delivered requirements, process and domain models (UML), high level designs, and business cases for knowledge-based systems to improve business processes at travel packaging and medical testing companies.
- Developed expert system that estimates home values within 12% of professional appraisals; for this and other projects, elicited knowledge from experts, modeled business rules in knowledge bases, and conducted user acceptance testing.
- Designed functionality and user interface of tool for managing Agile development projects.
- Managed content creation for 50+ webpages for new company website; made significant contributions to site organization, page layout, and graphic design.

EDUCATION

Nashville Software School, Data Analytics Certification, Graduation Expected January 2023

University of Michigan, MBA with High Distinction & MS in Natural Resources

University of Chicago, BA in Mathematics with Honors, Phi Beta Kappa