ELIZABETH**YIM**

DATA ENGINEER • VISUAL DESIGNER • LIFELONG LEARNER

CONTACT

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SUMMARY

Elizabeth, Data Engineer/Senior Design Specialist at Eagle Technologies, Inc., is a talented early-career professional with experience in data, design, and healthcare. She specializes in blending data and design to develop eye-catching visualizations for clients. Prior to her work with Eagle Technologies, she studied and worked within healthcare. With this unique intersection of having both data visualization/design and professional healthcare experience, she developed substance use and mental health data dashboards and visualization products for the Behavioral Health Services Information System (BHSIS) project for the Substance Abuse and Mental Health Services Administration (SAMHSA) as a former Data Visualization/Research Associate at Eagle. A lifelong learner, Elizabeth is a Master of Science student studying Data Analytics Engineering at George Mason University.

SKILLS

Technology: Python, R, Tableau, Visual Basics for Applications, HMTL/CSS, JavaScript, GitHub, Jupyter Notebook and Lab, Visual Studio Code
Design: Adobe InDesign, Microsoft Visio

PROFESSIONAL EXPERIENCE

Data Engineer/Senior Design Specialist   2021 – Present
Eagle Technologies, Inc. / Arlington, VA

- Oversees data engineering contract activities and aiding in building the business' data collection systems and processing pipelines
- Responsible for creating, building, and maintaining data used in contract performance pipelines facilitating deeper analysis and reporting by Business Development, IT Operations, and General Management departments
- Develops graphic designs capable of supporting proposal and data processing frameworks that handle the business's growing BD database and ongoing projects
- Ensures all end products produced are in alignment with corporate vision and objectives
- Strives to continuously develop new and improved data and designs to enhance the marketing posture and presentation of the company
- Perform backend data cleaning, manipulation, and preparation on provided datasets, followed by development of dashboards and/or data visualization products

Data Visualization/Research Associate   2019 – 2021
Eagle Technologies, Inc. / Arlington, VA

- Winner of 2019 Eagle Innovation Incubator competition
- Created and maintains a quarterly interactive data quality dashboard that is used by the operations team to address data quality issues with client and state representatives
- Updates various quarterly and monthly products as necessary
- Creates custom dashboards and data files to resolve data issues and respond to data requests
- Redesigned Quick Statistics web tables for public use on Drug & Alcohol Services Information System website

Master of Science in Data Analytics Engineering   2021 – est. 2024
George Mason University / Fairfax, VA

Data Analytics Boot Camp Certificate   2018
George Washington University / Washington, D.C.
- Part-time six-month program that covered major data analytics topics such as Python 3 programming, front-end visualization, JavaScript, R, Tableau, advanced Excel, Visual Basics for Applications programming, machine learning, predictive statistics, data modeling, and database manipulation

Bachelor of Science in Interdisciplinary Science   2017
Virginia Commonwealth University / Richmond, VA
- Major: Interdisciplinary Science
- Minors: Biology, Chemistry
- Concentration: Health Preparation/Professional Science
- Track: Pre-Pharmacy
- Relevant Courses: Basic Applications of Statistics, Research Methods in the Social Sciences

Northern Virginia Community College / Annandale, VA
- Relevant Courses: Calculus I & II with Analytic Geometry, Linear Algebra, Computer Science I & II