

GAKYEONG BAE

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EDUCATION

Brigham Young University - Idaho

Bachelor of Science in Data Science

Minor: Statistics | Certificate: Web Frontend, Database

Jan 2022 - Jan 2026

GPA 4.0

WORK EXPERIENCE

Lead Data Analyst - Brigham Young University Idaho; Rexburg, ID

Sep 2023 - Present

- Streamlined reporting processes by managing 100+ KPI-driven reports, improving operational efficiency and ensuring timely delivery to cross-functional stakeholders
- Built automated dashboards and predictive reports using Power BI(DAX), SQL, and Power Query, reducing manual processing time by 10% and accelerating decision-making workflows
- Partnered with analysts to define KPIs and deliver actionable insights, improving operational efficiency by 20% through clear communication, problem-solving, and initiative

Data Scientist Intern - Imagine Learning; Provo, UT

April 2025 – Sep 2025

- Automated weekly education news digest by integrating Gmail API and RSS feeds, applying NLP summarization to condense articles into concise insights
- Developed end to end pipeline with Python for data extraction, tagging, and HTML email formatting, ensuring clean consistent outputs
- Implemented secure, scheduled delivery using GitHub Actions and Gmail API with encrypted credentials, enabling a fully hands-free and reliable workflow

SRR Curriculum Processor - Brigham Young University Idaho; Rexburg, ID

Sep 2022 - Sep 2023

- Maintained and audited 7 years of academic data following institutional guidelines, providing timely support to resolve challenges by applying organizational skills and effective stakeholder communication
- Improved data accuracy by 15% across 50+ academic records by identifying and correcting inconsistencies using Excel and pattern recognition, demonstrating strong initiative and attention to detail in data quality management
- Conducted yearly surveys using Qualtrics and shared data trends and key research findings with non-technical leaders through clear narratives and interactive visualizations, boosting completion rates by 20%

Operator & Manager - Headeunview Hostel; Yeosu, KOR

Jan 2018 - Dec 2021

- Coordinated multi-platform marketing campaigns across 5+ sites by analyzing product trends and data from 1,000+ users, improving product visibility and boosting satisfaction by 20%
- Led budgeting initiatives to reduce purchase costs and taxes by 10% using Excel and cost analysis techniques to optimize monthly spending while maintaining quality

PROJECTS

- FamilySearch*: Wrangled and examined data to identify 100+ outliers in the MACR dataset, enhancing accuracy

SKILLS

Power BI | SQL | Python | R | Excel | Qualtrics | GitHub | Tableau

Relevant Skills: Business Analysis (Power BI, Tableau), Data Manipulation (Pandas, Polars, tidy), Data Visualization (ggplot2), Statistical & Predictive Modeling (scikit-learn, AnyLogic), Time Series Analysis (tsibble), Machine Learning (scikit-learn), Database Management (MySQL, SQL Server), APIs