

Baiyang Qi

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Math Teacher / Data Analysis Professional

A dynamic Math Teacher and Data Analysis Professional seeks to bring 4+ years of progressive experience to an industry-leading organization. Strong history of success in high-level mathematics, data analysis, and banking management roles. Proven record of utilizing data analysis techniques, including regression, data mining, reporting, and more, in fast-paced settings. Skilled in data collection/analysis, applied mathematics, statistics, problem solving, professional communications, strategic planning, data mining, creating detailed reports, staff training/education, and more. Diligent and goal-oriented, with the skills, training, and hands-on experience needed to make an immediate impact in any fast-paced technical team.

- Data Collection and Analysis
- Statistics/Applied Mathematics
- Creative Problem Solving
- Detail-Oriented Multi-Tasking
- Professional Communications
- Regression and Data Mining
- Strategic Planning & Analysis
- Cross-Department Coordination
- Expert Training and Educating
- Data Lifecycle Management
- Related MS and BS Education
- Detailed Documents/Reports

Technical Skills: MS Office (Focus in Excel/PowerPoint), R language, SAS, Photoshop, MATLAB, SQL and LATEX.

SKILL HIGHLIGHTS

- 4+ years of progressive experience in mathematics, data analysis, and banking management roles.
- Displaying excellent mathematical knowledge and strong analytical/problem solving abilities.
- Utilizing data analysis techniques, including regression, data mining, reporting, and more.
- Performing a wide range of complex duties to clean, prepare, and organize data.
- Using verbal and written communication skills to collaborate across multiple departments.
- Growing and utilizing strong understanding and abilities across the full data lifecycle.
- Demonstrating experience in data analysis and problem solving with big data daily.
- Analyzing data with management software to plan for future development.
- Graphing and presenting data movements within decades using PowerPoint.
- Fully trained, with a Master of Science in Statistics and a Bachelor of Science in Applied Mathematics.

PROFESSIONAL EXPERIENCE

American Institutes for Research, Washington D.C – **QC Assistant**

2019-present

- Use detailed specification documents to quality control accurate reports based on user requirements;
- Use documented logic to query the data for any discrepancies;
- Ability to calculate minimal data analysis such as data aggregate averages;
- Conduct rigorous quality assurance checks on data integration for paper and online reports across multiple clients;
- Be able to cross-check paper reports with online databases and by utilizing Excel for accuracy and soundness to encompass all stages of the report analysis cycle.

Professional Experience (Continued):

Russian School of Mathematics, Reston, VA - **Math Teacher**

2017-2019

- Teaching K-12 mathematics while helping students keep up with daily math progress.
- Enabling students to build math foundations, critical-thinking techniques and problem-solving skills.
- Developing, planning, and executing lessons in keeping with RSM curriculum and teaching methods.
- Training students to attend and performing favorably at math competitions.
- Motivate students to apply mathematical understanding and skills to solve practical problems.
- Evaluating the ongoing academic progress and social growth of students.
- Communicating with parents and school managers to assess and improve the academic performance, attendance, and progress of students.
- soundness to encompass all stages of the report analysis cycle.

The World Bank/Yangzhou University, Chunhu, China - **Data Collector**

Summer, 2013

- Collected and collated data of the primary, secondary, and tertiary industry.
- Grew and utilized strong understanding and ability across the full data lifecycle.
- Demonstrated experience in data analysis and problem solving with big data daily.
- Graphed and presented data movement within a decade by PowerPoint.
- Performed a wide range of duties to clean, prepare, and organize data.
- Analyzed data using management software to plan for future development.
- Coordinated with high-level managers to aid project analysis and reporting.
- Used verbal and written communication skills to collaborate across multiple departments.

China Merchants Bank, Yangzhou, China - **Lobby Manager**

Winter, 2011

- Managed and supervised banking, corrected violations, and standardized service standards.
- Collect a wide range of market/customer data and information to identify opportunities.
- Used communication skills to establish and grow long-term relationships with customers.
- Received customer feedback to resolve conflicts and reduce complaints.
- Reported business anomalies, and maintain bank, customer funds, and personal safety.
- Maintained orders, provided bank services, and coordinated several key departments.

EDUCATION & CREDENTIALS

Master of Science, Statistics

George Washington University, Washington DC, (2018)

Bachelor of Science, Applied Mathematics

Xi'an Jiaotong and Liverpool University, Suzhou, Jiangsu, China (2014)