Jon M. Bowman

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520-270-2913

Relevant Technical and Analytical Skills

- Javascript
- JQuery
- Node.JS
- Bootstrap
- HTML/CSS
- 12+ years of professional experience in forecasting, data analytics, and economic analysis
- Substantial analytical background (M.S. Industrial Engineering, B.S. Mathematics)
- Advanced Excel and SQL skills (advanced formulas, pivot tables, macros, query design, etc.)

RELEVANT WORK EXPERIENCE

Senior Pricing Analyst, Gates Corporation
Denver, Colorado (6/18 – 4/21)

- Responsible for pricing analytics, metrics, and recommendations on product lines totalling 60,000+ individual SKUs
- Built and maintained complex analytical pricing models for numerous product lines using Excel, SQL, and other technologies
- Provided accurate and timely economic impact analysis of pending pricing actions to management and key customers
- Assessed economic impact of major policy changes (such as international tariffs) and structural changes (such as increased production costs due to pandemic) on core businesses and presented results to management
- Supported pricing and other departments with critical analytical support as required

Senior Energy Management Analyst, CenturyLink
Denver, Colorado (7/16 – 6/18)

- Completed numerous data and economic analysis projects enabling senior leadership to make educated decisions related to key energy management issues
- Designed and maintained SQL databases and query tools for use in data collection and analysis
- Provided forecasting analysis critical to the development of a $250M+ annual utility budget
- Implemented facility energy use benchmarking process providing actionable operational data to the managers of thousands of corporate facilities
- Identified and facilitated implementation of numerous energy cost savings projects related to utility tariff rate optimization
- Worked effectively with a broad range of teams across the company including Finance, Facility Operations, Network Planning, and Invoicing as well as external vendors and consultants

Resource Planning Analyst II, Xcel Energy
Denver, Colorado (7/14 – 7/16)

- Conducted modeling and economic analysis evaluating the cost effectiveness and value of potential thermal and renewable resource acquisitions
- Evaluated the system planning and economic impacts of energy efficiency, demand response, and distributed generation
- Performed modeling analysis, scenario development, and strategy recommendations related to the compliance positions of multiple utilities under the EPA's Clean Power Plan

- Constructed and delivered effective presentations summarizing analysis results and providing accurate, actionable recommendations to various internal and external stakeholders including senior management
- Provided key analytical and quantitative inputs for critical regulatory filings such as the Electric Resource Plan (ERP)
- Worked effectively with a broad range of teams across the company including Regulatory, Environmental Policy, Power Supply, Energy Efficiency, and Risk Analysis
- Delivered timely, accurate, and actionable responses to ad hoc research and analysis requests

Lead Supply Side Planning Analyst, Tucson Electric Power
Tucson, Arizona (8/09 – 7/14)
- Collaborated with the larger resource planning team in the development of the Integrated Resource Plan (IRP) for multiple utilities. Contributions included validation and consolidation of inputs, model development and study design, output analysis, write-up of numerous sections of the report, and presentations of results to the public and regulators as part of the stakeholder process
- Utilized stochastic models and scenario analysis to evaluate the risk profiles of candidate resource portfolios with respect to factors such as natural gas/power pricing, emissions pricing, variable load growth, etc.
- Responsible for the configuration, operation, maintenance, and output analysis for simulation models used in production costing and resource planning for three separate utilities
- Completed system production cost forecasts using PowerSimm, Planning and Risk, and AuroraXMP software. Results provided critical inputs for short and long term financial planning, variance analysis, and regulatory filings
- Provided quantitative and economic analysis to senior management including the use of stochastic models to evaluate risk, evaluation of Request for Proposal resource bids, cost/benefit analysis for potential capital projects, etc.

Senior Forecast Analyst, Tucson Electric Power
Tucson, Arizona (8/07 – 8/09)
- Built and maintained forecasting models used to project sales, revenue, and customer growth
- Used modeling techniques such as multiple regression, exponential smoothing, Box-Jenkins, etc.
- Performed statistical analyses using SAS
- Built and maintained forecast reporting tools and databases
- Reviewed and compiled economic and demographic data from a variety of sources for use in the forecasting process

Forecast Analyst, Intuit
Tucson, Arizona (6/05 – 8/07)
- Built and maintained forecasting models used to project workload and available capacity
- Used modeling techniques such as multiple regression, exponential smoothing, Box-Jenkins, etc.
- Accountable for workload forecasting and capacity planning for groups comprised of up to 900 agents in 4 countries
- Consistently delivered low forecast variance, enabling the business unit to meet operational and financial goals

Instructor, Department of Mathematics
University of Arizona (06/03 – 06/05)
- Taught courses in statistics and mathematics for business decisions
- Responsible for all course aspects including lecture, grading, and exam preparation
- Integrated technology such as Excel, PowerPoint, and Minitab into coursework and lecture

Instructor, Departments of Operations Research/Business Administration
University of North Carolina at Chapel Hill (08/02 – 01/03)

- Taught an intermediate statistics and optimization course for second year business students
- Integrated technology such as Excel, PowerPoint, and Minitab into coursework and lecture

Continuous Improvement Engineer, Quaker Foods and Beverages
Danville, Illinois (05/01 – 06/02)

- Responsible for the identification of process improvement opportunities
- Applied techniques such as mathematical programming and statistical analysis to solve problems related to opportunity quantification and project implementation
- As a project manager, directly responsible for improvement projects worth an estimated $200K - $400K in annual cost savings

EDUCATION
UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN
Master of Science, Industrial Engineering
1999-2001

TULANE UNIVERSITY
Bachelor of Science, Mathematics
1995-1999