

(520) 270-2913

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# Jon M. Bowman

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## SKILLS AND CAREER SUMMARY

Programmer and analyst with a proven track record of successfully solving critical problems across widely varied industries. Strong analytical background includes a M.S. in Industrial Engineering and a B.S. Mathematics. Recently refreshed and enhanced programming skills (including Javascript, Node.JS, and HTML/CSS) by earning a certificate in full stack development at the University of Denver. Excited to apply my programming and data analysis skills to create robust and effective solutions to complex problems.

**Languages/Platforms:** Javascript, JQuery, Node.JS, HTML/CSS

**Databases:** SQL/mysql

**Tools/Libraries:** Express JS, Sequelize, Excel, Bootstrap, Git, MS Office

## RELEVANT WORK EXPERIENCE

### **Gates Corporation, Denver CO – Senior Pricing Analyst**

JUNE 2018 – APRIL 2021

- Produced 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
- Supported pricing and other departments with critical analytical support as required

### **CenturyLink, Denver CO – Senior Energy Management Analyst**

JULY 2016 – JUNE 2018

- 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

## **XCEL Energy, Denver CO – Resource Planning Analyst II**

JULY 2014 – JULY 2016

- 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
- Constructed and delivered effective presentations summarizing analysis results and providing accurate, actionable recommendations to various internal and external stakeholders including senior management

## **Tucson Electric Power, Tucson AZ – Lead Supply Side Planning Analyst**

AUGUST 2009 – JULY 2014

- Wrote, maintained and analyzed the output of simulation models used in production costing and resource planning for three separate utilities
- 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.
- 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.

## **Tucson Electric Power, Tucson AZ – Senior Forecast Analyst**

AUGUST 2007 – AUGUST 2009

- 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

## **Intuit, Tucson AZ – Forecast Analyst**

JUNE 2005 – AUGUST 2007

- Built and maintained forecasting models used to project workload and available capacity
- Created workload forecasting and capacity planning for groups comprised of up to 900 call center agents in 4 countries

## **EDUCATION**

**University of Illinois at Urbana-Champaign – Master of Science, Industrial Engineering**

**Tulane University – Bachelor of Science, Mathematics**

**University of Denver Full Stack Coding Bootcamp – Certificate of Completion**