Chad Nelson

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EXPERIENCE

MGM Resorts International   Las Vegas, NV (Remote)
Senior Analyst, Revenue Management   6/2022-Present

- Ensure top-line growth by using appropriate data and analysis
- Create tools with VBA, SAS, and SQL to guide multiple teams
- Develop dashboards pertinent to executives to guide their decisions
- Automate and expedite everyday tasks with computer programming
- Collaborate with sales and operations leadership to ensure my decisions are also beneficial to their teams

Allegiant Air   Las Vegas, NV
Revenue Management Analyst   1/2022-6/2022

- Analyzed historical data to create and test new experiments maximizing ancillary revenue
- Lead a pricing automation project made in Python based on input data
- Made pricing decisions that pushed the company towards top-line growth

T-Mobile   Remote
Strategic Accounts Intern   5/2021-12/2021

- Ranked ≈400 enterprise accounts by creating an account scoring tool
- Imported, cleaned, and analyzed data from 10+ internal and external sources
- Drafted visualizations in PowerBI with guidance from my senior manager

University Of Iowa   Iowa City, IA
Graduate Teaching Assistant   1/2021-12/2021

- Individually taught six classes of ≈30 students each to improve skill mastery
- Courses covered: information systems and operations management

TECHNICAL SKILLS

- **Tools:** Python, SQL, VBA, Databricks, SAS, PowerBI, Tableau, Orange, JMP, GitHub, Microsoft Office suite
- **Methodologies:** Linear/logistic regression, data mining, EDA, descriptive & prescriptive analysis, time series analysis, Monte Carlo simulation, data visualization, linear programming/optimization, database design
- **Certificates:** Google Advanced Data Analytics Professional Certificate
  - Completed June 17, 2024

EDUCATION

University of Iowa   Iowa City, IA
Master of Science, Business Analytics   8/2020-12/2021

- **Relevant completed courses:** data science, data programming in Python, advanced data analytics and informatics, quantitative finance and deep learning, advanced analytics, data and decisions, data leadership and management, analytics experience, data management and visualization, applied optimization

University of Northern Iowa   Cedar Falls, IA
Bachelor of Arts, Marketing   8/2016-12/2019

- Graduated *cum laude*