

Chad Nelson

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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*

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

EXPERIENCE

MGM Resorts International

Las Vegas, NV (Remote)

Senior Analyst, Revenue Management

6/2022-Present

- Make pricing decisions by using appropriate data and collaboration
- Create tools with VBA, SAS, and SQL to guide multiple teams
- Develop SQL queries to create dashboards pertinent to executives
- Use programming to automate and expedite everyday tasks
- Collaborate with sales and operations leadership to ensure my decisions are also helping 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

- Implemented a weighted scoring tool to rank ≈400 enterprise accounts
- Imported, cleaned, and analyzed data from 10+ internal and external sources
- Created 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