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 management and visualization, data science, advanced data analytics and informatics, data leadership and management, quantitative finance and deep learning, analytics experience, applied optimization, data and decisions, data programming in Python, advanced analytics
- 3.77 GPA

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, Tableau, Orange, JMP, GitHub, Microsoft Office suite
- **Methodologies:** Linear/logistic regression, data mining, time series analysis, data visualization, linear programming/optimization, database design
- **Projects:** 2020 Census project: I worked on a team to assist the Iowa Northland Regional Council of Governments conduct a complete count of Black Hawk County in the 2020 Census. This will help undercounted areas get their fair share of federal funds over the next decade.

EXPERIENCE

MGM Resorts International   Las Vegas, NV (Remote)
Senior Analyst, Revenue Management   6/2022-Present
- Make pricing decisions by using appropriate data and collaboration
- Created a tool in Excel with VBA, SAS, and SQL to help multiple teams with decision making
- Develop SQL queries to create dashboards pertinent to executives
- Use programming to automate and expedite everyday tasks

Allegiant Air   Las Vegas, NV
Revenue Management Analyst   1/2022-6/2022
- Use historical data to formulate and test new experiments with the goal of maximizing revenue
- Lead an automation project made in Python to assist pricing team
- Analyzed booking data and maximized revenue based on the data

T-Mobile   Remote
Strategic Accounts Intern   5/2021-12/2021
- Ranked ≈400 accounts by implementing a weighted scoring methodology
- Cleaned and analyzed data from 10+ internal and external sources

University Of Iowa   Iowa City, IA
Graduate Teaching Assistant   1/2021-12/2021
- Improved student learning outcomes by teaching content to three sections of approximately 30 students
- Learned leadership and guidance by providing feedback and guidance
- Courses covered: information systems and operations management