

# ZACHARY T. MCDANIEL

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## EDUCATION

THE UNIVERSITY OF IOWA

Iowa City, IA

Master of Science, Business Analytics

05/2022

Bachelor of Business Administration, Business Analytics

05/2021

- University Honors Program, Honors in the Major, Dean's List, GPA: 3.73/4.00
- Minor: Communications

## TECHNICAL SKILLS:

- Tools: Python, R, SQL, Git, Tableau, ASP.NET, HTML, CSS, Excel, Access
- Methodologies: skilled in data visualization, regression, forecasting, web design, web scrapping, and business research
- Projects: Iowa Gov COVID-19 expense analysis, NFL playoff simulation, CEO pay ratio analysis, NFL referee analysis

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## EXPERIENCE

### UNIVERSITY OF IOWA

Iowa City, IA

Case Competition Application Developer, Intern

06/2020 – 08/2020

- Guided project management by maintaining a Trello board, timeline, and site map and led team communications
- Constructed a database by normalizing data and writing SQL code for tables connected to the web application
- Built web forms in Visual Studio using JavaScript, ASP, and C#, resulting in added functionality to the application
- Designed website features using CSS, including the home page, nav bar, and buttons which benefited application visuals and maintained version control of the project by utilizing GIT-Bash and GitHub

### FIN & FEATHER

Iowa City, IA

Sales Associate

05/2019 – 10/2019

- Improved retail efficiency by re-organizing stock room which reduced average consumer wait time by several minutes
- Attended and balanced register of \$1000 in addition to assisting 200 or more customers daily

### HILLS BANK AND TRUST

Iowa City, IA

Bank Teller

02/2018 – 10/2018

- Provided reliable and accurate service to hundreds of customers per day with a near 100% customer satisfaction rating
- Facilitated delivery and protection of \$20,000 and assisted supervisor to balance and audit the vault's \$35,000 balance

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## ACTIVITIES & LEADERSHIP

### TIPPIE TECHNOLOGY AND INNOVATION

Iowa City, IA

Executive Administrator/Director of Applications/Mentor

08/2020 – Present

- Led two university capstone teams in the development of the organization's web-based applications and integrated two applications into the organization's web site to increase member engagement online
- Managed three case competitions at the university using the organization's app, which included coordinating meetings, assisting recruitment & marketing, and conducting competitions
- Mentored six members through providing guidance related to education and organization activities

### CYHAWK CASE COMPETITION

Iowa City, IA

Team Lead

03/2020

- Analyzed New York City, Chicago, and San Francisco payroll data using multiple regression and external research to propose a payroll increase and re-allocation for New York City and won 1<sup>st</sup> place out of 10 teams for our analysis

### KAPPA SIGMA, BETA RHO

Iowa City, IA

Vice President

01/2018 – 09/2018

- Directed the judiciary board and contributed to philanthropy, raising over \$10,000 for the *Military Hero's Campaign*
- Collaborated weekly with exec board of 5 members to lead the organization, resulting in a 130% new member increase

## ADDITIONAL INFORMATION

- Languages: Spanish – Conversational Proficiency