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: 3.70/4.00

#### 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 City vehicle accident analysis, NFL playoff simulation, CEO pay ratio 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 weight 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

## Director of Applications/Mentor 08/2020 – Present

* Assisted university capstone class of six people 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
* 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 1st 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 110% new member increase

**ADDITIONAL INFORMATION**

* Languages: Spanish – Conversational Proficiency