

Gabrielle Ruehle

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EDUCATION

University of North Carolina Chapel Hill

May 2021

Bachelor of Science in Statistics, Bachelor of Science in Mathematics

GPA: 4.0

Honors: Dean's List (all semesters), Honors Carolina, Phi Beta Kappa

Related Courses: Methods of Data Analysis, Linear Algebra, Stochastic Modeling, Foundations of Programming, Data Science

WORK EXPERIENCE

UX Trial Design Intern, TraKid, Raleigh NC

September 2020 - Present

- Designed and implemented UX trials to troubleshoot issues and analyzed feedback
- Redesigned the UI for the TraKid support page using HTML/CSS

IT Problem Management Intern, MetLife, Cary NC

June 2020 – August 2020

- Led the first steps of establishing a data warehouse to improve the performance of the IT Service Management organization
- Collaborated with each discipline in the ITSM organization and documented their requirements to ensure the data warehouse would meet their reporting needs
- Diagrammed the first designs of a data warehouse

ADDITIONAL EXPERIENCE

Chapel Hill Police Arrest Data Science Project

Spring 2020

- Used clustering analysis to identify how descriptive parameters of people arrested varied by location of arrests in Chapel Hill
- Analyzed spatial and temporal data to uncover patterns in arrest data
- Used K-fold cross validation to create a Poisson model to predict number of arrests per month

Methods of Data Analysis/Real Estate Analysis Project

Spring 2019

- Analyzed real estate data in a complex data set of categorical and logistic variables to create a predictive model
- Used regression analysis to forecast housing prices based on past data
- Created data visualizations in R to display results

Game Development Project

April 2018

- Created a two-player wild west game in JavaScript and HTML
- Applied object-oriented programming concepts

CO-CURRICULAR ACTIVITIES

Carolina Analytics and Data Science Club, Member, Fall 2018 – Present

UNC-CH Club Racquetball Team, Social Coordinator, Fall 2020 – Present, Member, Fall 2018 – Present

Data Journalism Mentorship Program, Visualization Lead, Spring 2020 – Present

Carolina Union Activities Board, Films Committee Member, Fall 2018 – Spring 2019

TECHINICAL SKILLS

Programming Languages: R, Java

Internet: JavaScript, HTML, CSS

Software: Microsoft Word, PowerPoint, Excel, Power BI