

# Max Bolger

Junior standing undergraduate, Hamline University

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Hover over socials for links!



## EXPERIENCE

Data Scientist for the Hamline University  
Marketing Analytics Clinic (HUMAC)

**Hamline University**

December 2019 - Ongoing    St. Paul, Minnesota

- Data science intern for HUMAC doing contract work through the university
- Using client data to solve problems and answer questions through utilizing various data science methods

Data Analyst

**Occupy Fantasy, LLC**

April 2020 - Ongoing    St. Paul Minnesota

- Conducted eSports data analysis to give subscribers an edge over the field in eSports betting
- Wrote a script that parses DraftKings contest data and returns optimal lineup construction advice to users

Lead Tutor of the Hamline-to-Hamline Collaboration

**Hamline University**

September 2018 - Ongoing    St. Paul, Minnesota

- In charge of recruiting, interviewing, scheduling, and training university students for the HTHC, the first university - elementary partnership of its kind in the nation
- Oversee the tutor program and organize events while also spending time in the classroom as a tutor
- Maintain data driven reports on reading and math progress for elementary students in order to strategically improve their skills

Intern

**ESPN Senior Analyst Matthew Berry's Fantasy Life App**

August 2019 - December 2019    St. Paul, Minnesota

- Responsible for nine hours per week of monitoring and sending live breaking news reports to nearly one million users at industry leading speed
- Compiled and analyzed weekly data driven runningback trend reports to provide app users with actionable content
- Assisted in social media marketing tasks and created graphics for the company's social media pages

## Relevant Coursework

Elements of Statistical Learning, Data Mining,  
Data Management and Communication,  
Discrete Mathematics, Big Data and Social Issues

## SKILLS

Python    Data Science    Machine Learning  
Statistical Analysis    Data Viz    Dashboards  
Microsoft Excel/Google Sheets    SQL    R  
Problem Solving    Collaborative Teamwork

## PROGRAMMING TOOLS

Pandas    Numpy    Matplotlib/Seaborn  
Sci-kit Learn    Streamlit    Statsmodels

## EDUCATION

B.S. Computational Data Science

**Hamline University**

September 2018 - Ongoing (May 2022)

Minor - Business Analytics

**Hamline University**

September 2018 - Ongoing (May 2022)


Minor - Economics


**Hamline University**


September 2018 - Ongoing (May 2022)

- Dean's List 5/5 semesters
- Cumulative GPA: 3.8

## MOST PROUD OF

 **NFL Receiver Dashboard**  
Dashboard that runs analyses on any NFL receiver, filterable by week

 **Python Tutorial Using NFL Play-by-Play Data**  
Created a tutorial that covers the entire data science process in python from basic syntax to creating a function

 **2021 NFL Big Data Bowl Entry**  
The Geometry of Lockdown Coverage and Ball Skills: A Tale of Two Cities