MARGARET REED

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EDUCATION

Duke University   **Durham, NC**
BS in Data Science (IDM), minor in Mathematics   **May 2022**
- Unweighted Cumulative GPA: 3.65
- Dean's List Spring 2019
- **Relevant coursework:** CS101 (Intro to Computer Science, *Python*), CS201 (Data Structures and Algorithms, *Java*), MATH221 (Linear Algebra), CS216 (Everything Data, *Python*), CS330 (Design/Analysis of Algorithms), CS371 (Elements of Machine Learning, *Python*), STA360 (Bayesian and Modern Statistics, *R*), STA323 (Statistical computing, *R*, *SQL*), STA432 (Stat. Learning and Inference),

JOB EXPERIENCE

Lenovo, *Data Visualization Intern*   **June 2021 - Present**
- Works for the Digital Transformations team
- Supports migration from Qlik Sense to Microsoft Power BI
- Assists internal trainings to encourage best practices in data visualization
- Designs effective dashboards and reports using Power BI

Duke University, *Undergraduate Teaching Assistant*   **Jan. - May 2021**
- Worked as a teaching assistant in two classes: STA199 - Intro to Data Science and CS216 - Everything Data
- Collaborated with the teaching team at a weekly meeting and actively contributed new ideas on teaching.
- Mentored students for project development
- Graded, held office hours, led lab sections

Amazon, *SDE Intern*   **May - Aug. 2020**
- Learned and adapted to the team's architecture quickly.
- Developed an internal query tool, owning both the frontend and backend aspects of the project.
- Manipulated and queried data from large databases.
- Leveraged skills in Java, JS, and SQL for development.

TECHNICAL EXPERIENCE

Bluebonnet Data, *Political Data Fellow*   **Aug. - Dec. 2020**
- Trained on political data methods, such as how to work with census data, the voter file, and VAN.
- Served as a volunteer data analyst for a down ballot democratic campaign in the 2020 cycle.
- Provided analyses and insights to help the campaign more efficiently target voters, place ad buys, place yard signs, understand early voting numbers, and understand their district demographics (R, Python).

Duke Bass Connections Team, *Undergraduate Researcher*   **Aug. 2019 - May 2020**
- In a team of 10, created an RShiny app to model and educate the public about the insights gained by research done in the ELA (Experimental Lake Area). (RShiny, HTML)
- Employed various techniques for data cleaning, multivariate representation, and web development

Duke DataFest 2019, *Best Visualization*   **April 2019**
- In a team of 3, created a model measuring fatigue recovery in order for players and their coaches to best understand how to minimize fatigue to improve game performance. (R, Python)
- Won top prize in data visualization for analyzing how women rugby players move around the field during the games in order to identify players. Presented findings at the Durham chapter of RLadies meetup Oct. 2019.

RELEVANT SKILLS

- Proficiency with R, Python, Java, SQL, Git, Scikit learn, HTML, CSS, JS React, Microsoft Power BI
- Interests in data science, data visualization, data journalism, and tech for social good
- Experience with both remote and in-person collaboration
- Public speaking, communication, social media marketing

EXTRACURRICULAR ACTIVITIES

DTech Scholar   **April 2020 - Present**
- Selected to participate in a leadership development program for high-potential women pursuing technical careers.
- Engaged in skill development, networking, and mentoring activities.