Emily Christiansen

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PROFILE

Highly motivated technologist mathematician and former athlete with a solid leadership work history. 3+ years sport coaching experience with a passion for technical applications towards creative and social projects.

EDUCATION

University of Southern California, Los Angeles, CA   **May 2022**
     MS in Applied Data Science

University of California: Berkeley, Berkeley, CA   **May 2020**
     BA in Applied Mathematics

EXPERIENCE

Data Science Intern   **January 2022 - April 2022**
NBC Universal

- Assisted Corporate Decision Sciences in evaluating a video flagging model used in Winter Olympics broadcast tracking via Databricks using PySpark with data pulled from AWS S3 buckets
- Performed analyses on Nielsen viewership data and SVOD data for Superbowl LVI and previous Olympics broadcasts to provide a breakdown of the most popular sports/moments across different demographics

Data Analyst Intern   **March 2021 - August 2021**
US Department of Treasury: Bureau of Fiscal Service

- Headed the re-kickoff of the Women Owned Small Business Analysis (WOSB) in the DataLab team, a group whose goal is to present a variety of data analyses to the public using data on all federal contracts by each agency
- Used both Python and R daily with GitHub to complete tickets assigned via JIRA in an Agile program structure, which ranged from open ended EDA to producing specific outputs for the design team

Program Management Intern   **June 2019 - August 2019**
Marvell Semiconductor

- Supported program managers in defining baseline plan of record (POR) for new product introduction (NPI) requirements (scope, schedule, deliverables, etc) for the approved program

SKILLS

- Very proficient in **Python**, **R,** and **PySpark**
- Experience in model **neural networks, regression,** and **NLP Models**
- Proficient in **Java, Javascript, SQL,** and **MatLab**
- Completed machine learning projects with **Scikit-Learn** and **TensorFlow**
- Comfortable working in **Linux Command Line Interfaces** and **Git**
- Trained in **Agile** Software Management, **Scrum** Agile Framework and **JIRA**
- Experience with **AWS EC2** and **Tableau**
- Strong experience with **Pandas**, **Matplotlib,** and **Seaborn** libraries
- Very comfortable in **Juypter Notebooks** and **DataBricks**