Elias Weston-Farber

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Summary

A highly experienced Data Engineer with a robust skill set in Python, R, and JavaScript, and a proven track record of leveraging data-driven solutions to drive project success.

Experience

Senior Application Developer

Johns Hopkins Bloomberg School of Public Health

2020 - Present (3 years)

• Led a team of 6 coders to roll out an advanced analytic dataset system, providing training, coaching, and conducting code reviews to ensure coding standards.

• Developed a system to identify, track, & email data issues across all studies, resulting in the timely publication of a major study in the New England Journal of Medicine.

• Co-authored two papers on the effects of Covid-19 response measures by performing their data analysis.

Application Developer

Johns Hopkins Bloomberg School of Public Health

Jan 2019 - 2020 (1 year)

• Built a system to store the growing administrative data associated with 30+ METRC studies, utilizing corporate APIs and a custom cross-platform Electron Application (NodeJS).

• Designed and implemented a system capable of automating the assessment of all the department's ongoing studies utilizing three separate R packages built from scratch hosted on GitHub.

Back End Developer

Civicly Envolved

Jan 2018 - Jan 2019 (1 year 1 month)

• Managed a team of interns, teaching them how to interface with partner APIs and gather, clean, and categorize important civic data independently, including geographic information.

• Researched and implemented supervised and unsupervised machine learning techniques to analyze unstructured data.

Education

University of Maryland

B.S., Environmental Science & Geography and B.A., Political Science

Graduated: 2018 GPA: 3.4 Notable Courses: Data Structures, Structures & Interpretation of Programs, Principles of Programming

Skills

data analysis • javascript • python • R (Programming Language) • Google Cloud Platform (GCP) • Tableau • Firebase • ChatGPT • Software Development • SQL