Jared Feldman

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https://github.com/jaredfeldman

PROFESSIONAL PROFILE

Data scientist and seasoned IT leader with a wealth of experience in driving data-driven initiatives. Passionate about merging the power of data and analytics with strong leadership and communication skills to bring about positive changes for our planet. Dedicated to leveraging data for meaningful transformation and innovation.

EDUCATION

University of California, Berkeley – Master of Information and Data Science   May 2024 (anticipated)
Relevant Courses: Data Science Programming, Research Design and Applications for Data and Analysis, Statistics for Data Science, Applied Machine Learning, Data Engineering, Behind the Data: Humans and Values, Experiments and Causal Inference, Privacy Engineering

Penn State University – B.S. Supply Chain & Information Systems, Minor Information Systems Management   2011

SKILLS AND TOOLS

Programming Languages: Python (Pandas, NumPy, Matplotlib, Seaborn, ScikitLearn, TensorFlow, Keras), Bash, PowerShell
Development Tools: Git, GitHub, Jupyter, Visual Studio/VS Code, RStudio, RMarkdown
Data Analysis & Visualization: Excel, Power BI, Google Analytics, Google Ads
Database Technologies: SQL (PostgreSQL, MySQL), NoSQL (Neo4j, MongoDB, Redis)
Containerization: Docker, Docker Desktop
Statistical Tools: R, Stata
Operating Systems: Windows, Linux
Agile Methodologies: Agile, Scrum, SAFe
DevOps Tools: Azure DevOps

PROJECTS

Responsible AI: Proposed Comprehensive Incident Management Framework, *UC Berkeley*   2023
Addressed rising concerns of AI-related incidents by emphasizing learning, collaboration, and restorative justice. Emphasized the role of ethics specialists in ensuring responsible AI development.

Differential Privacy in Facial Recognition, *UC Berkeley*   2023
Implemented discrete cosine transform and differential privacy to enhance facial recognition privacy, reproducing results from Ji et al. (2022) and exploring the balance between privacy preservation and utility.

Chess Banter: Does engaging with an opponent in online chess impact their performance?, *UC Berkeley*   2023
Conducted online chess experiments using the lichess.org API and the OpenAI API to explore the impact of chat interactions on player performance. Found no significant effects.

Random Acts of Pizza, *UC Berkeley*   2023
Utilized NLP approaches and ML models to predict outcomes on the "Random Acts of Pizza" Subreddit, showcasing proficiency in random forest, logistic regression, and CNN.

Evaluation of "icing" kickers in the NFL using play-by-play data from 2001 to 2022, *UC Berkeley*   2023
Conducted study on the impact of "icing" kickers in the NFL, utilizing play-by-play data from 2001 to 2022. Found no significant effects.

Gender Analysis of the American Time Use Survey, 2003 - 2021, *UC Berkeley*   2022
Performed descriptive analysis on time use between binary genders in the United States, employing Python (Pandas, NumPy, Seaborn, Matplotlib).

Generative Culture Survey, *UPMC*   2021
Developed Power BI and Jupyter Notebook-based tools to assess and enhance organizational culture.

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WORK EXPERIENCE

UPMC   **Pittsburgh, PA**
IT Manager   01/2022 – 03/2023
- Expanded team size from 6 to 10 individual contributors in 2022.
- Implemented DevOps Research and Assessment (DORA) metrics, driving process improvements.
- Introduced modern incident analysis and incident management practices, aligning with the New View approach to promote a generative, learning, and just culture within the organization.

Systems Analyst – Team Lead   03/2020 – 01/2022
- Guided a team of 6 release engineers and release managers, fostering collaboration and enhancing efficiency within the department.
- Created an internal survey using Microsoft Forms to assess team culture, and developed a data-driven tool utilizing Power BI, Python, and Jupyter Notebooks to facilitate teams in utilizing survey results for informed decision-making.

Systems Analyst – Senior   03/2018 – 03/2020
- Accelerated release management activities, doubling release frequency from 2018 to 2019.
- Implemented an automated release management process using Azure Pipelines, streamlining workflows and reducing manual intervention.
- Developed comprehensive release plans using Microsoft Visio and Project, serving as the primary liaison between the IT department and external teams for seamless software release execution.

Systems Analyst   02/2017 – 03/2018

Avendra, LLC   **Rockville, MD**
Senior Manager, Strategic Sourcing   01/2016 – 02/2017
- Collaborated with stakeholders to identify innovative solutions, achieving a 5% cost savings for customers in FY 2015.

Manager, Strategic Sourcing   08/2014 – 01/2016

McKesson Corporation   **Ruther Glen, VA**
Business Process Engineer   12/2012 – 08/2014

Burlington Stores, Inc.   **Edgewater Park, NJ**
Industrial Engineer – Project Manager   02/2012 – 08/2012
DC Inventory Control Manager   08/2011 – 02/2012

COMMUNITY INVOLVEMENT

Humane Action Pittsburgh (HAP)   **Pittsburgh, PA**
Strategic Analyst   12/2022– Present
- Wrote the Privacy Policy, informing individuals of data use, practices, and rights.
- Collect, organize, and analyze data to support initiatives across HAP

Humane Animal Rescue   **Pittsburgh, PA**
Dog Walking/Behavior Volunteer   04/2019 – 06/2022

Furkid Rescue   **Bethel Park, PA**
Foster Parent   11/2017 – 05/2020

Humane Rescue Alliance   **Pittsburgh, PA**
Behavior, Training, and Socialization Volunteer   04/2013 – 07/2017
Foster Parent   04/2013 – 02/2017