Dave Friedman

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EDUCATION

CUNY NYC College of Technology — Brooklyn, NY
B.Sc. Applied Mathematics, A.Sc. Computer Science — 2018
GPA: 3.4/4.0
Major coursework: Data Warehousing & Mining, Distributed Database Design, Discrete Structures & Algorithms, Computational Statistics, Stochastic Models, Mathematical Modeling & Optimization, Differential Equations, Numerical Methods, Linear Algebra

EXPERIENCE

Oakroot Consulting Co — New York, NY
Data Analyst — 2019 - 2021
- Grew client's userbase by 22% over model projections by identifying trends in advertising and user acquisition data.
- Extracted, transformed, and loaded data from multiple sources into a PostgreSQL database.
- Built company website using templates and custom HTML, CSS. Deployed on Github Pages.

Intern — 2018
- Achieved a 7% increase in opened emails and a more accurate user count for client by cleaning and deduplicating PostgreSQL database, using Python and SQL.
- Analyzed weekly KPI data and summarized key trends for stakeholders using Excel.

PROJECTS

Network: https://network.dmfstuff.xyz — 2022
- A social network for users to write and edit posts, Like and Dislike posts, and follow others.
- Built with Django, JavaScript, SQLite, Bootstrap. Deployed with uWSGI, Nginx on AWS.

Commerce: https://commerce.dmfstuff.xyz — 2022
- An auction site for users to list items, and bid, bookmark, and comment on listings.
- Built with Django, SQLite, and Bootstrap. Deployed with uWSGI and Nginx on AWS.

Mail: https://mail.dmfstuff.xyz — 2022
- An email client and self-contained email ecosystem with a RESTful API.
- Built with JavaScript, Django, and SQLite. Deployed with uWSGI and Nginx on AWS.

Wiki: https://wiki.dmfstuff.xyz — 2022
- A user-editable encyclopedia that stores articles as Markdown files.
- Built with Django and Bootstrap. Deployed with uWSGI and Nginx on AWS.

FIND: Filter Noisy Data — 2018
- A tool to silence noisy data, by filtering data through an ensemble of machine learning algorithms. FIND is Python script with a command-line interface.
- Funded by the National Science Foundation, supervised by Dr. Ashwin Satyanarayana.

SKILLS & TECHNOLOGIES

Web Development	Python (Django), JavaScript, HTML, CSS, Bootstrap
Web Deployment	Git, Github, Nginx, uWSGI, Docker, Amazon Web Services
Databases	SQL, SQLite, PostgreSQL, pgAdmin
Data science	Python (Pandas, Scikit-Learn, MatPlotLib), Jupyter, R, LaTeX, Excel