




Ronald Kroening

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PROJECTS

Stasis | *Django, Vue3, Python, JavaScript, PostgreSQL, AWS*

- Designed a web application for financial data analysis
- Implemented machine learning to find similar securities based on company descriptions
- Allowed for simplified viewing of data such as financial statements, indicators, and historic data

DataDone | *React, Python, Flask, Machine Learning, Docker, AWS*

- Implemented a web-based application to create machine learning models from a given tabular dataset
- Allows for data to be processed and implements EDA techniques like data removing, modification, and interpolation
- Provides users with a simple interface to choose and compare models to run, as well as to export and run locally and on cloud solutions

WORK EXPERIENCE

Harvard University Widener Library Judaica Division

May 2024 – August 2024

Summer Programming Assistant

- Maintained and improved a Chrome extension used internally by the library, focusing on small UI fixes and implementing a new feature.
- Worked within an existing codebase, troubleshooting issues and making incremental improvements rather than large-scale changes.
- Provided occasional technical support to library staff, ensuring smooth adoption of the extension's updates.

Pronova Pets

September 2023 – April 2024

Contract Machine Learning Engineer

- Developed baseline machine learning models for a product in its early stages, achieving modest accuracy
- Built a preliminary iOS app to integrate machine learning functionalities in a user friendly format
- Helped establish a scalable dataset structure to support future improvements.

Seidenberg Creative Labs

November 2021 – May 2023

Software Engineer

- Started with backend API development before taking over project leadership
- Rebuilt the project using JavaScript Frontend and a Python-based AWS Lambda backend, improving scalability and maintainability.
- Delegated tasks to junior developers and guiding them through the creation of a separate tool for handling data.

EDUCATION

Tufts University

Medford, MA

Graduate Computer Science Certificate

Pace University

New York, NY

Bachelors of Science in Computer Science

SKILLS

Certifications: ISC2 Certified in Cybersecurity (CC)

Frameworks: React, Node.js, Flask, Qt, Angular, Django, MySQL, Express.js, FastAPI

Languages: Python, JavaScript, C, C++, Java, Julia, C#, TypeScript, HTML, CSS, SQL

Utilities: Git, Docker, Amazon Web Services (AWS), Google Cloud Platforms, GitHub CLI, Snowflake