Ronald Kroening

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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.

PROJECTS

Stasis | *Django, Vue3, Python, JavaScript, PostgresSQL, 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 dataset

- Allows for data to be processed and implements EDA techniques like data removing 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

EDUCATION

Tufts University   **Medford, MA**
Graduate Computer Science Certificate   *Sept. 2023 – May 2024*

Pace University   **New York, NY**
Bachelors of Science in Computer Science   *Sept. 2019 – May 2023*

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