

Ronald Kroening

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WORK EXPERIENCE

Harvard University Widener Library Judaica Division

May 2024 – August 2024

Summer Programming Assistant

- Boosted productivity by engineering Chrome extensions to optimize internal workflows and coordination.
- Developed Python and JavaScript programs for inventory processing, clearly conveying complex data workflows.
- Streamlined data entry processes by automating repetitive tasks, improving efficiency across teams.
- Enhanced document digitization procedures, facilitating quicker access to library resources.
- Delivered technical support, effectively managing and communicating customer relationships with library staff.

Pronova Pets

September 2023 – April 2024

Contract Machine Learning Engineer

- Spearheaded the creation of a full-stack mobile app, ensuring seamless collaboration between developers and stakeholders to meet project goals.
- Constructed scalable datasets, integrating biological readings to support data-driven insights and improve processing efficiency.
- Developed machine learning models that achieved high accuracy on early-stage data, laying a strong foundation for future performance improvements.
- Effectively communicated machine learning results and insights to both technical and non-technical stakeholders, influencing strategic business decisions.

Seidenberg Creative Labs

November 2021 – May 2023

Software Engineer

- Built digital solutions from scratch, emphasizing coordination and collaboration with cross-functional teams.
- Crafted and implemented prototypes with a strong focus on customer needs and efficient data processing.
- Led a team of developers to implement core features of several projects, ensuring timely delivery and code quality.
- Integrated RESTful APIs into applications, ensuring smooth data exchanges between services and clients.
- Increased reliability through robust testing, clearly communicating complex technical issues across teams.

EDUCATION

Tufts University

Graduate Computer Science Certificate

Medford, MA

Sept. 2023 – May 2024

Pace University

Bachelors of Science in Computer Science

New York, NY

Sept. 2019 – May 2023

SKILLS

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

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

Utilities: Git, Docker, Amazon Web Services (AWS), Google Cloud Platforms, GitHub CLI, Snowflake, Amazon EC2, Amplify, Microsoft Azure