

Applications of Web Development in Portfolio Research
(Technical Report)

The Rise of Socially Responsible Investing in the US
(STS Research Paper)

An Undergraduate Thesis Portfolio
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Bachelor of Science in Computer Science

by

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Preface

In recent decades the US investment sector has been transformed by technological innovation and changing values.

Vast, easily accessible investment data has shifted how some Portfolio Researchers operate. To adapt, a New York City investment management sought a new portfolio research system that can apply state-of-the-art web technologies and data-guided analysis. Multiple API endpoints that processed data more efficiently and added new analysis options were added to the company's existing system. These endpoints were successfully integrated into the company's workflows.

The concept of Socially Responsible Investing (SRI) has existed for decades, but interest in the Environmental, Social and Governance (ESG) impact of companies has taken the US investment sector by storm in recent years. How has the sector shaped the standards for ESG and SRI to suit its needs and ideals? Companies, investors, regulators, and the public have recognized that ESG is here to stay, but disagree about whether it matters or is mere public relations, and who is responsible for ESG commitments.