

Brandon Luffman

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Professional Experience

Software Engineer

08/2022 - Present

Geiger

- Developed and launched high-performance applications using React and JavaScript, increasing user retention by 35% and page load speeds by 25%.
- Managed and optimized client data with advanced SQL queries using AWS enhancing data retrieval efficiency by 50% and supporting a 20% growth in data-driven decision-making.
- Implemented CI/CD pipelines, reducing development cycle times by 40% and ensuring 99.95% application uptime.
- Pioneered a machine learning recommender system encapsulated within a Python REST API, contributing to a 44.3% increasing in sales since it's inception.

Private Equity Summer Analyst - M&A

05/2021 - 08/2021

KVLR Capital

- Initiated and maintained communication with executives of mid-market healthcare groups, strategically exploring potential partnerships and acquisitions aligning with KVLR's investment criteria.
- Collaborated with senior members of the investment committee, regularly presenting investment opportunities, market research, data analysis, and intricate financial modeling for prospective acquisitions.
- Facilitated the preliminary due diligence process, meticulously documenting findings in KVLR's CRM system for active deals ensuring comprehensive and organized records.

Financial Analyst Internship

05/2020 - 08/2020

The Rising Group Consulting, Inc.

- Assisted the firm in crafting expense management plans tailored to revitalize struggling companies, positioning them for improved performance.
- Conducted comprehensive analysis of various lines of business to identify less profitable product lines and prototypes targeted for elimination.

Standout Projects

Venum

- Developed a stock screening application providing valuable insights into US equities using React, TypeScript and Node.js, featuring real-time stock data, sentiment analysis, and financial ratios.
- Integrated NoSQL for efficient data management, enabling seamless storage and retrieval of stock profiles, financials, and ownership information.
- Engineered a cosine similarity search using Machine Learning to compute similarity between queries and equity descriptions.

ResumeBuilderAI

- Led the development of a dynamic web application allowing users the ability to optimize their resumes, utilizing JavaScript and React for front-end development, coupled with Node.js and Python for a robust backend.
- Implemented RESTful API integration to facilitate real-time data exchange between the frontend and backend, employing NoSQL databases for optimal data management and scalability.

Education

Pennsylvania State University

2018 - 2022

Bachelor of Science (BS) in Accounting & Finance

Technical Skills

Languages: Python, JavaScript, SQL, NoSQL

Frameworks & Libraries: React, Scikit-Learn, TypeScript, spaCy, NumPy, Pandas

Tools: AWS (S3, Lambda, RDS, ECS), Git, Docker, Kubernetes, CI/CD, REST API