Sam Segal
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Skills: Proficient in Python, JavaScript, Rust. Experience with Docker, MySQL, Google Compute Engine, and Google Cloud Run. Adept at Flask API development and managing APIs. Experienced in high I/O real time DSP using Rust. Strong colaborator using Git/Github. Comfortable working in an Agile environment. Technically adept, customer-oriented, and self-motivated with a strong desire for continuous learning.

Work Experience

ContenderBicycles.com   **2021-Present**
Technical Analyst - Contender Web Ops
Serving as the technical analyst for ContenderBicycles.com, I utilized advanced technical skills to manage and enhance our Shopify platform. I leveraged Python and Flask for API interaction and inventory management, and employed Liquid for strategic front-end modifications. My comprehensive overhaul of the site's structured data and JavaScript code successfully reversed a downward SEO trend, improving visibility and traffic. Beyond technical contributions, I ensured data accuracy and consistency by supervising and training a data entry team. Regular site audits under my leadership identified and rectified errors, optimizing user experience and site performance. This role honed my coding skills, leadership, and understanding of e-commerce operations and SEO in the cycling retail industry.

Backcountry.com   **2020-2021**
Customer Service Sales - Backcountry GHO
As a Customer Service Representative at Backcountry.com, I efficiently handled customer inquiries and order management tasks, providing expert advice on outdoor gear and apparel. My solutions-oriented approach in resolving customer complaints, coupled with inter-departmental collaboration, ensured a seamless online shopping experience. Regularly contributing feedback for service improvements, I upheld the company's high standards for customer satisfaction while embodying its passion for outdoor adventure. This role strengthened my communication skills, problem-solving ability, and understanding of e-commerce operations in the outdoor retail industry.

University of New Hampshire   **2018-2019**
Lab Assistant - Glacial Geology Lab
Responsible for following stringent and precise lab procedures for isotopic dating methods including radiation exposure dating. Processed volatile and extremely sensitive samples, in a clean lab filled with hazardous materials. Was accountable for the purity of samples. Operated heavy material processing equipment. Carried out technical verbal orders, Met deadlines and organized samples to keep the lab productive.

Education
University of New Hampshire, Durham, NH
BS Geology, 2019
University of Illinois Chicago Urbana,
Accelerated Computer Science fundamentals, Data Structures, Networking and Distributed Computing