Brian Daisey

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Programming Languages, Frameworks, Tools

Python, Django, Django Rest Framework, JavaScript, React, jQuery, PostgreSQL, HTML, CSS, Bootstrap, git, ElasticSearch, jupyter, pandas, linux shell (site updates/server configuration), AWS

Education - University of Maryland College Park

Bachelor of Science, Computer Science   December 2018
Bachelor of Science, Business, Operations Management   May 2012

Work Experience

Capital Threads, LLC - Cofounder of Custom Apparel Print Shop   March 2021 - Present
- Created effective client pipeline from order inception through fulfillment including generating quotes, receiving and finalizing graphics, creating samples, printing apparel, and completing delivery.
- Developed efficient workflows for apparel customization using both vinyl and direct to garment printing.

IMS, Inc. – Software Developer → Tech Lead, BioShare Team   May 2019 – October 2022
- Contributed to a Django web platform for biomedical specimen and record management. Quickly evolved from bug-fixes to owning larger features such as PDF generation, testing suite cleanup, automated email improvements, display of user document submissions, API development.
- Promoted to tech lead on 2 NIH client sites that use the core BioShare platform. Added custom features while maintaining compatibility with the core platform. Completed several major site releases.
- Built an ETL pipeline and associated fronted features to augment an existing brain specimen dataset with toxicology data from an outside company. On the backend, wrote scripts to clean, integrate and load csv files from various sources. On the frontend, added tox filtering capabilities to existing search interface and created a standalone view for tox data.
- Developed a new Django client site as tech lead and sole client contact. Led the site through feature scoping, dev server configuration, internal QA testing, external client review, and production release.
- Implemented a front-end tool allowing clients to edit, preview, and commit content changes to their static pages, fully eliminating the need for developer involvement in routine updates.

Jax's Mobile Carwash & Detail – Head of Operations   February 2015 – April 2018
- Led growth of Jax's Mobile from 1 to 7 employees. Implemented accounting, reporting, and marketing practices to ensure long-term success without losing focus on day-to-day operations.
- Designed systems for hiring and training new employees, ensuring continued quality service with a higher volume of customers.

InfoSnap, Inc. – Lead Generation and Data Cleansing   August 2014 – June 2015
- Applied HTML and Regex data scraping techniques to K-12 school websites to capture sales leads.
- Exported Salesforce database of over 100,000 records and analyzed .csv files for inaccuracies, leading to a 15% overall reduction in records and removal of duplicate records.

ProGuideDirect - Product Management Team Member → Director   May 2013 – August 2014
- Promoted to manage a team of 4 employees responsible for adding products to an ecommerce site.
- Wrote and enforced technical standards for incoming product data formats from vendors.
- Led automation of inventory updates through ongoing coordination with an outside integration firm to increase automatic inventory updating from 0% to 80% of products.
- Designed a shipping surcharge matrix for heavy and oversized products to reverse negative margins.