**Dylan Funk**

Software Engineer

Dylan is accomplished in data engineering, cloud infrastructure, and microservices, especially those that support machine learning and data science applications. He’s looking for a team of bright engineers and business stakeholders looking to solve impactful problems in data-driven products.

**Skills:**

* Python, SQL, JavaScript, C#, Mojo
* PostgreSQL, MongoDB, Parquet, Milvus
* Docker, Linux, Git
* AWS (S3, ECS, EC2, Cloudformation, Lambda, RDS, Glue, Route 53, etc.)
* Pandas, Dask, PySpark, Meerschaum
* HuggingFace, PyTorch
* Flask, HTML5, CSS

**Education:**

Level: Master

Degree: M.S. Operations Research

School: Case Western Reserve University

Graduated: 2020

Level: Bachelor

Degree: B.S. Mathematics

School: Florida Gulf Coast University

Graduated: 2018

**Experience:**

**Company: Stratifyd**

Title: Software Engineer

Serving NLP models and dashboards for fortune 100 Cx teams in the finance and healthcare industries by:

* Designing client-specific ETL/ELT pipelines to feed proprietary Stratifyd ML models.
* Building data engineering tooling via wrappers for open source libraries.
* Redesigning compute architecture to achieve 4x speed and 15x volume using Dask and PySpark.
* Leading open-source LLM R&D skunkworks with huggingface transformers for NLP.
* Monitoring and correcting drift in machine-learning models.
* Automating routine engineering tasks.

**Company: BowTie Medical**

Title: Head of Product

Summary: Leading product and IT for a novel employer-health-insurance company with embedded virtual primary care.  
Dates: Oct 21 - Sep 22

Description:

* Managing a team of product managers, project managers, and engineers to launch BowTie's first health-insurance plan.
* Sourcing strategic SaaS partners in the health-tech space to build virtual healthcare experiences.
* Leading data-engineering efforts to integrate SaaS products via REST apis and webhooks in a serverless framework.
* Building dashboards and early product analyses to identify issues in customer experience and operational workflow.
* Designing novel health-insurance incentives to improve health and reduce cost-burden across the board.

Head of Operations - Primary Care, Non-Clinical

Summary: Leading virtual primary care non-clinical operations and product development.   
Dates: Jan 21 - Oct 21

Description:

* Co-managing a team with a Physician lead to launched BowTie's first fully-virtual primary care product.
* Designing operations and customer experience for primary care patients via call-center representatives.
* Coordinating the design of Salesforce health cloud applications to automate physician and nursing staff duties.
* Defining customer experience and call center KPIs, and adjusting operations and IT accordingly.
* Building cost-accounting budgets and planning quarterly spend.

Operations Manager

Building NE Ohio's first network of Covid-19 antigen/antibody test and vaccine administering tents.  
May 2020 - Dec 2020

* Launched the initiative from ideation to on-site and operational within 3 weeks.
* Authored an application to manage scheduling, results sending, and lab communication using javascript, REST apis, and google sheets.
* Sourcing and managing inventory and personnel.