

Work Experience

CoEnterprise: Senior Technical Solutions Consultant (On contract Top 10 Financial Firms) 6/18-Current

- > Wrote batch and streaming pipelines using APIs, SQL, Python, Hadoop, Java, Javascript, Unix.
- > Designed custom OLTP and OLAP systems using various SQL flavors, Node JS, pySpark, Docker, and Airflow.
- > Built software to consolidate, automate, and error correct legacy platform data and migrate to robust modern platforms.
- > Identified and translated business requirements into compliant highly available technical systems with minimal impact.
- > Worked hand in hand with clients as a SME to develop, deploy and troubleshoot cloud, hybrid, and on prem data solutions.

Intigo3D: Intern -> Full Stack Engineer 7/17-12-5/18

- > Created an encrypted print pipeline using embedded hardware, Linux, Python, AWS IoT, MongoDB.
- > Developed a web service for designers that allowed them to sell their work and fight piracy using React and Node.
- > Consulted on marketing and strategy, building media kits for investors to raise funding.

NYU, MakerSpace: Technical Lead 08/16-12/17

- > Created the initial software infrastructure using Node, Flask and Python paired with the machines in the space.
- > Built our hardware and monitoring resources to help students utilize the space and tailor it to their needs.
- > Coordinated larger projects with other staff and taught technical skills in weekly workshops to NYU students.

Grafiti: Data Visualization Intern 7/17-11/17

- > Designed interactive visualizations using 6 million lines of data to demonstrate the Grafiti system.
- > Used Kaggle for initial data, Python (pandas) for filtering, Google Big Data and Cloud for visualization and analysis.

Mango Concept [Full-service digital agency]: Rapid Development Intern Summer '16

- > Rebuilt video system using web technologies and bootstrapping existing solutions. Decreased load times by 300%.
- > Started an advertising platform for one of Mango's brands, increasing product awareness by 75%.

NYU, Engineering and Technology Forum: Prototyping Focused Teaching Assistant 2015 - 2016

- > Taught a weekly class for all first-year engineering students about entrepreneurship.
- > Developed and graded weekly projects based on the lean startup methodology.

Skills & Projects

Projects

NYC Mesh: Built and deployed a dockerized monitoring system and dashboards for the distributed network using open source tools and REST APIs.

Image ML: Used Tensor-flow, pySpark, pyTorch, Airflow, GCP in pursuit of creating cross platform computational photography.

Technical Skills

Airflow	Kubernetes
AWS	Looker
C++	MFT (B2Bi) [Axway, IBM]
Docker	Python + [Pandas]
GCP	Spark
Hadoop	SQL + [PostgreSQL]
Java	Tableau
Javascript + [React]	Unix/Linux

Education

New York University | School of Engineering 2017

B.S. Integrated Digital Media

A degree that combines computer science with design to create compelling digital products.