

LUCAS C. SCHIEFELBEIN

Via dei Servi 43, 41121 Modena (MO), Italy | +1 (320) 455-2216 | luke.schiefelbein@gmail.com

EDUCATION

MASSACHUSETTS INSTITUTE OF TECHNOLOGY

B.Sc. in Mathematics

Cambridge, MA

Class of 2013

- Harvard College - Cross Registration, Screenwriting
- MIT Wrestling - 2010 NCWA All-American, 7th place National Tournament

EXPERIENCE

GRANAROLO S.P.A

Data Scientist, €1B+ Food Products Company

Bologna, Italy

February-May 2021

- Created new data science position in coordination with the CEO and CFO. Worked mainly in Italian.
- Built a statistical analysis (presented to the Board and CEO) to decide the fate of a major relaunch of the highest revenue product line.

FREELANCE SCREENWRITER

September 2019 - February 2021

- Scriptwriter/Story Producer [VIETNAM: FAST FORWARD](#) (2020), documentary feature film about post-war, modern Vietnam, which premiered on Amazon Prime.
- Screenwriter, QUANT BROTHERS, award-winning spec drama about high-frequency trading, the Flash Crash, and the meltdown of Knight Capital.

CUSTORA, INC.

Data Scientist, Customer Analytics Platform

New York, NY

August 2018- September 2019

- Researched and developed new models of customer behavior at "big data" scale.
- Drove adoption of cloud-based notebook tooling for data science, increasing team productivity.
- Built product backend in Scala/Spark for identifying segments with opportunity for increased sales.
- Ported models from R to Spark, adding unit testing and improving architecture.

SUMZERO, INC.

Vice President of Data, Investment Research Web Platform

New York, NY

January 2018-August 2018

Data Scientist

July 2014-December 2017

- Produced quantitative analyses and alpha generating stub trading strategies for marketing SumZero products, annual [hedge fund compensation reports](#), and data-driven product design.
- Produced data-driven journalism for *The Wall Street Journal*, *Reuters*, *Business Insider*, *CNBC*, *Yahoo! Finance*, *Bloomberg*, *Institutional Investor*.
- Created weekly publication partnership of SumZero branded content in [Barron's](#) and [Forbes](#) increasing rate of user growth by 10%.
- Designed and built:
 - 13F scraper microservice in Flask and Docker, increasing responses to sales cold-calls by 20%
 - New member referral and reward system in Ruby on Rails
 - Data pipelines for analysis (ETL) and internal dashboards
 - Nearest neighbors content recommender microservice
- Coordinated with multi-billion dollar funds to market and design data products.
- Recruited, interviewed, and managed full time employees and interns.
- Modeled our customer lifetime value, used results to design a paid marketing strategy and procure marketing consultants.

POWERADVOCATE, INC.

Client Services Associate, Energy Supply Chain Consulting

Boston, MA

July 2013-April 2014

- Procured \$50M worth of capital projects through bidding and contract negotiation

SKILLS AND INTERESTS

- Python + PyData Packages, Linux, Git, Ruby on Rails, Scala/Spark, Docker, R, SQL, L^AT_EX, Rust
- Italian: ≈CEFR B2 (upper intermediate)
- Member MIT and Princeton Angel Investing Clubs of New York