

# 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
- 2009 National Merit Scholar, AP Scholar

## 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, Vim, R, SQL,  $\text{\LaTeX}$
- Italian:  $\approx$ CEFR B2 (upper intermediate)
- Member MIT and Princeton Angel Investing Clubs of New York