

SUMMARY

I transmute raw data into actionable intelligence and insight with the tools of data science: machine learning, natural language processing, and predictive modeling. With ten years' experience as a data-driven financial journalist, writer, and editor, I effectively communicate those opportunities to a range of audiences.

RELEVANT SKILLS AND TECHNOLOGIES

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|-----------------------------|---------|------------------------|
| ◆ Python | ◆ SQL | ◆ Tableau |
| ◆ Pandas, SciKitLearn, NLTK | ◆ Excel | ◆ Time series analysis |

EXPERIENCE

GENERAL ASSEMBLY — WASHINGTON, DC **NOVEMBER 2016 – PRESENT**

Data Science Instructional Associate

- Support student understanding of topics in statistics, Python programming, data analysis, and modeling through in-class assistance and outside office hours
- Guest lecturer for Data Science Immersive on implementing pipelines in Python
- **(Freelance)** Built automated pricing algorithm for [cNanny](#), providing a salary quote based on a family's profile

GENERAL ASSEMBLY — WASHINGTON, DC **AUGUST 2016 – NOVEMBER 2016**

Data Science Immersive Student

- Three month, full-time (60+ weekly hours) data science bootcamp learning Python, statistical analysis, natural language processing, machine learning, and Big Data
- Member of winning in-class Kaggle competition team predicting West Nile Virus incidence in Chicago
- Built an algorithm that uses latent semantic analysis and stylometric tools for automated natural language processing to successfully detect spurious and misattributed quotations
- Predicted highest number of correct Michelin-starred restaurants by scraping online reviews and comparing latent semantic patterns using natural language processing

CACI INTERNATIONAL INC — WASHINGTON, DC **APRIL 2014 – JULY 2016**

Technical Writer 3

- Analyzed internal financial data for external reporting, investor relations messaging, CEO earnings remarks
- Produced FY15 and FY14 CACI Annual Report, which won a Bronze American Business Award

MONEY MAP PRESS — BALTIMORE, MD **OCTOBER 2013 – MARCH 2014**

Associate Editor

- Built and maintained valuation models for stock recommendations; portfolio gained 20% over 18 months
- Researched, ghost-wrote long-form investment analyses on healthcare, defense, and options trading

FREELANCE WRITER — WASHINGTON, D.C. **FEBRUARY 2011 – OCTOBER 2013**

- Reported USD 2bn in possible infrastructure investment opportunities in the US and Puerto Rico
- Created business profiles to help reporters, investors quickly understand a company's mission and business plane
- Formatted, proofread documents for the American Psychiatric Association 2012 and 2013 Annual Meetings

MERGERMARKET (US) LTD — WASHINGTON, D.C. **NOVEMBER 2007 – FEBRUARY 2011**

Washington Correspondent / Lead Infrastructure Correspondent

- Identified over USD 10bn in possible M&A transactions analyzing corporate financial statements and interviews
- Wrote, edited over 1,000 stories on mergers and acquisitions, corporate strategy, political risk
- Predicted the divestiture of Labatt's US operations during the Anheuser-Busch/InBev merger ahead of court order

EDUCATION

GENERAL ASSEMBLY DATA SCIENCE IMMERSIVE – WASHINGTON, DC **AUGUST – OCTOBER 2016**

INVESTMENT BANKING INSTITUTE 'BANKER BOOTCAMP' **JULY 2009**

CLAREMONT MCKENNA COLLEGE – CLAREMONT, CALIFORNIA **MAY 2006**

Bachelor of Arts in Government