Clarence E. Stephen

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EXECUTIVE SUMMARY

Data scientist and investment professional with 10 years experience in multi-asset trading, analytic tool development, project management, and data analytics using Python, SQL, VBA, Hadoop, Spark, FactSet, Bloomberg, & CapIQ. Experience in sales across finance, education, and technology sectors. Led equity derivative & FX strategies at Chase Coleman's Tiger Global, generating >$500m in profits. Led project management for trading related initiatives, automating workflows and leveraging technology to enhance insight and efficiency.

EXPERIENCE

Independent Investments   **2016 – Present**
- Private Investments: Since December 2016, 6 companies completed IPOs: Despegar, Netshoes, Redfin, Meitu, Spotify, & Bilibili. Capital initially deployed from 2015 through 2018 including current investments
- 2017: Hedge fund assets +32%, long-only assets +48%, cryptocurrencies +310%
- 2018: Founded an independent online-educational solutions business for freelance and pro bono work

Tiger Global Management – Multi-Asset Trader   **2010 – 2016**
- Led equity derivatives strategies exceeding $350m in profits from 2013 to 2016
- Generated over $250m in profits and savings on macroeconomic strategies from 2011 to 2016, including foreign bond holdings and FX derivatives; led pricing, execution, hedging, and risk management
- Managed information flow including analysis of news, research, flows, and economic events
- *Project management:* Managed team of 8 developers maintaining trading, compliance, accounting, and operations systems with emphases on automation, error-prevention, compliance, information security, and risk management. Developed portfolio analytics and risk metrics for risk management. Utilized VBA, FactSet, Bloomberg, and CapIQ for data analysis and integration with EZE OMS data feeds.

Morgan Stanley – Equity Derivatives Analyst   **2008 – 2010**
- Obtained Series 3, 7, 55, and 63 licenses
- Portfolio manager, volatility trader, and market maker for energy, materials, industrial, and utility sectors
- Reduced brokerage and exchange fees by $5m annually via data analysis and negotiation
- In client-facing sales role, managed 15 accounts to produce $11m in commissions in 2009; $14m in 2010
- *Programming/financial modeling:* Developed volatility metrics leveraging YODA and Rlutils and integrating data into excel with VBA. Models were used for pricing, idea generation, and risk management

Freudigman & Billings – *Tutoring agency* – **Head of Math & Science Solutions**   **2004 – 2010, 2017**
- *Project management:* Founded F&B online-tutoring business and summer boot camp sessions; Piloted development and launch of online tutoring platform, tutortrove.com

EDUCATION

Independent Study   **2016 – Present**
- Metis Data Science Bootcamp (2018, New York, NY): Full-time, 500hrs+, 12wk intensive training in machine learning, Python, Unix, CSS, JavaScript, D3.js, Hadoop, Spark, data wrangling, project design, data visualization, and communication of results.
- General Assembly - SQL Bootcamp: Learning the Language (2018, New York, NY)
- General Assembly - Data Science 101: Data mining, machine learning, & python (2018, New York, NY)
- DataCamp.com - Intro to Python for Data Science (2018)
- Py.com - The Fundamentals - Python (2017)

Yale University, New Haven, CT, B.Sc. in Physics, GPA 3.81, magna cum laude   **2004 – 2008**
- Sigma Chi Fraternity, Yale Political Union, Yale Rugby
- Richard Light Fellowship Scholar; Japanese-language study abroad; Selected for Directed Studies Program; Quantum computing research lab assistant with Prof. David DeMille

Seminole High, Sanford, FL, IB program, GPA 4.73; Valedictorian (1 of 496), SAT 1570/1600   **2000 – 2004**

SKILLS

Software/Programming: Python, SQL, C#, VBA (Excel), Unix, JavaScript, CSS, Hadoop, Spark, D3.js, Statistical (MATLAB, LaTeX), Financial (FactSet, Bloomberg, CapIQ)

Languages: Japanese (fluent), Spanish (conversational), French (conversational), Korean (elementary)

Mathematics: American Invitational Mathematics Exam (AIME) 3x qualifier; Mu Alpha Theta national rankings in Geometry 2nd, Calculus 43rd, Variations & Proportions 3rd; over 50 top-rankings at state-level; Coursework includes Multi-variable calculus, linear algebra, calculus of variations, differential equations, statistics & probability