Brant Harry

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**Portfolio Manager / Quant Researcher / Data Scientist**   
Industry Focus: Portfolio management, Technology, Banking & Investment Management

**Education, Licenses, Projects & Certifications**

**Bachelor of Science, Finance & Accounting** | University at Buffalo, State University at New York

Certified **Capital Markets Knowledge—FX, FICC, Commodities & Equities** (Bloomberg: 2017); Certified **Applied Data Science with Python Specialization** (University of Michigan: 2019); Certified **Project Management & Full Stack Development** (Free Code Camp 2019); **Published 2019** - Quantitative Trading Model - Equities & Options; **Published 2020** - Portfolio Risk Model for Equities

**Key Skills, Qualifications & Technologies**

MS Office (Word, Excel, PowerPoint, Visio) | Reuters Eikon & Westlaw | Bloomberg Terminal | Oracle 11g | Hyperion Essbase | Charles River (OEMS) | Murex MarketAccess| TriOptima (TriReduce, TriResolve, TriCalculate, TriBalance) | Oasys TradeMatch | Murex MarketAccess | Swift | Salesforce | SQL | Python Quandl Pyplot Tkinter Pandas Scipy Numpy Sklearn | Java | JavaScript | HTML | CSS | Node, Angular & React.js | Git, Github | Unix/Powershell | VBA/.Net | Kdb+/Q

**Published Articles**

Quant Trading Strategy – Facebook - [Hyperlink](https://www.linkedin.com/posts/brantharry_quantitativetrading-proprietarytrading-tradingsignals-activity-6662736722855514112-3A85)

Portfolio Management Model – Apple, Amazon, Microsoft and Facebook - [Hyperlink](https://www.linkedin.com/posts/brantharry_tradingjobs-portfoliomanagement-equityresearch-activity-6662872767500693504-SVzL)

**Professional Experience**

Independent  **| Quantitative Portfolio Manager New York, NY: 2019 - Present**

*Provide Alpha through Trade Signal Development, Machine Learning and Research in financial markets using development tools built in Python/Javascript/Q/KDB develop strategy for current positions in Equities and Commodities Market.*

* Provide Alpha on PnL determine how and which trades to enter and execute.
* Develop models & research articles from multiple industries spanning Biotech to Technology
* Adjust risk, investment management and portfolio management capabilities and built automated trading platform
* Traded portfolio using a mixture of ETF, Futures and Options with positions gaining 128%+ Adj Gain and 13%+ for overall portfolio with Quant analysis spanning Equity, Fixed Income and Commodities spaces with functional design based on structuring trades and executing positions according to valuations based on quantitative signal/event models in Python

Insight Global - Franklin Templeton  **| Sr. Program Management Consultant New York, NY: 2019 - 2019**

*Provide technology and data analysis consulting services related to Investment Management, Risk, Trading, Legal, Marketing, Compliance, Tax and Valuation issues — critical to helping Fiduciary Trust and Franklin Templeton Investments develop and launch a revolutionary new customer-facing Client Services Portal (CRM) Web/Mobile*

* Develop strategy/validation for future projects using a mix of cutting-edge financial/business analysis tools and technologies along with providing statistical analysis using (SQL/VBA/XML to identify and resolve product process and reporting challenges
* Led project for COO providing accounting support and designing new data models that led to 1+ million-dollar tax savings
* Structure client testing activities, creating automated confluence tools using Visual Basic and SharePoint, and quarterbacked calls aimed at improving relationships between divisions and supporting implementation of a full client-facing portal for Fund Managers Define roadmap segments for multiple business units including tracking, budget and Confluence/JIRA project monitoring presentations
* Define and document various business unit processes and client behavior using Visio Flowcharts, Statistical Analysis BRDs and BI graphs
* Identified trade-lifecycle improvements for Charles River booking system solution and presented statistical analysis using MANOVA to team solving process and product issues during 30,90 and 360 day timelines

Converge One - Morgan Stanley  **| Senior Consultant, Project & Product Management New York, NY: 2018 - 2019**

*Leading project management within Risk, Compliance and Legal Departments and traveling to implement strategies with business leaders*

* Developed strategy for clients, aligned with their business needs, and managed project lifecycles via technical calls with internal and external (Thomson Reuters and Mark-logic) vendors from inception to closure
* Managed Agile methodology for JIRA authoring — including Epic, Story and Task creation — to convey user experience and transfer System Data Structure through IBM Cognos for the Risk and Compliance suite
* Drafted business requirements and product specifications for systems requiring complex legal terminology, risk reporting systems and business regulatory tools that capture information using natural language processing (NLP)

Citi **| Senior Business Analyst Buffalo, NY: 2014 - 2018**

*Managed a fast-paced mix of Trading Desk & Financial system development activities in a cross-asset product pool that included Options/Derivatives Valuation & Swaps, as well as Rates Fixed Income products; scope of control spanned teams of up to 25 cross-functional employees*

* Participated in analytical regulatory client query coverage for complex fund structures such as UCITS over North America, EMEA, LATAM, and APAC regions such as pension funds, insurance companies, hedge funds and asset managers
* Managed a team in development of Options Valuation updates for the Pricer component within Equities and FX Trading Platforms for Cross Currency, FX Back to Back Hedging and Agency Best Execution
* Analyzed/compiled requirements and added value to the firm by leading a cross-asset ledger migration project, involving multiple international offices, creating improvements that saved $300M+ on average from ledger to balance sheet
* Improved internal messaging linkages with OMS systems involving Oasys, eDealer/Sonar, Murex Datamart, Calypso, Openlink, FOX, Charles River, Bloomberg (TOMS), Tradeweb and internally compiled prime brokerage platforms/interbank platforms I.e. CitiFX, CLS FX, PBX(Private Branch Exchange aka Turret/Voice, Goldman/JPM Platforms)
* Built, automated and executed trade booking improvements for FX and Equity hedging involving back to back trades, regulatory, business requirements, manuals, algorithms and pricing controls/reporting using MS SQL Server/Oracle, MS Access, FIX Protocol, MxML, FpML and Python

Bank of America | **Relationship Manager II Buffalo, NY: 2012 - 2014**

*Presented solutions to senior management, recommending phased implementations to curb inefficient practices and support sales growth*

* Managed and originated a $130M+ portfolio of FHA, HELOC and Conventional mortgages with an average value of $500,000
* Leveraged automation methods (Salesforce, Apex Code/SOQL dashboards) to reduce effort from the sales team in terms of documenting client engagements and running client marketing analyses; efforts included defining new changes/connections to AS400 data fields