**Summary**

Senior Financial Analyst with a B.S. in Finance & Marketing from Saint Joseph’s University and a certificate in FinTech from The University of Pennsylvania. Proven technical and leadership aptitude as well as experience developing automated technology solutions to support the reporting needs of an organization. Well versed in partnering with key stakeholders to define needs and then creating technical designs to support those needs.

**Technical Skills**

**Python Programming:** Python 3, Pandas, Matplotlib, API Interactions, JupyterLab

**Algorithms, Statistics, and Modeling:** Execution Algorithms, Monte Carlo Simulations, Risk-Data Aggregation, Forecasting, Financial Modeling, Modern Portfolio Theory, Logistic Regression

**Machine Learning:** Algorithmic Trading, Random Forests, k-Nearest Neighbors (kNN), Support Vector Machines (SVM), Linear Regression, Scikit-learn

**Professional Experience**

**Senior Financial Analyst**

**Operational Forecasting, Digital Finance Innovation Team** *Present*

* Support the execution and governance of technology enabled processes in support of driver-based forecasts and Integrated Business Plan (IBP) for baseline and scenario planning purposes, ensuring executional excellence for in scope processes
* Identify and knowledge share continuous Innovate opportunities related to technology enabled planning processes within DFIT
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**Johnson & Johnson Financial Leadership Development Program: *Class of 2021***

**Senior Financial Analyst**

**DePuy Synthes Commercial Finance: Trauma & Craniomaxillofacial** *2021 – 2022*

* Provided direct financial leadership supporting the Vice President of Trauma & Extremities by leading activities to support US Trauma, CMF, & Power Tools Sales Reporting; ~$2.0B
* Develop partnership with Sr. Director of Sales & Director of Marketing to coordinate Business Planning Forecasting, generating roughly 246.0MM Sales & $15M Marketing
* Provide Financial leadership to the Demand Planning/S&OP process to better align the commercial sales forecast with plant manufacturing demand.

**Financial Analyst**

**J&J Worldwide Financial Planning & Analysis: Enterprise & Competitor Analysis** *2019-**2021*

* Responsible for benchmarking internal financial performance versus competitor composites supporting the Pharmaceutical, Medical Device, and Consumer CFO leadership teams
* Forecasting enterprise level income statement for 28 publicly stated competitors ~$700B Sales forecast. Providing key insights to CFO Leadership team on the drivers of competitor
* Provided consistent and timely execution on a wide array of high-priority ad-hoc requests from upper-level Finance and Non-Finance management

**Projects**

**Machine Learning:** <https://github.com/wmccarth123/Project-2>

* Integrate a recurring neural network & and regression analysis in order to gain a merged signal to develop a trading machine.
* Responsible for project managements, GitHub esthetics, and regression code for initial signal

**Competitor Analysis Modernization Initiative:**

* Drove cross-functional business partnering by collaborating with external consultants to strategically design the final output to introduce efficient processes and value creating
* Reduced job demands by 40 FTE hours (120 HR annually), while saving a total of 70 FTE hours (210 HR annually)

**\*\*\*\* End of Resume\*\*\***

**Rest is just for reference**

**Professional & Personal Volunteer Experience**

**2019 Lead for the Emmanuel Cancer Foundation (ECF) Fundraiser**

* Raised over $20,000 (156% above goal).
* Represented J&J by presenting our fundraising strategy and success story to the ECF Board of Directors.

**Active member of the J&J West Chester Engagement Team**

* developed a stronger executive presence by encouraging volunteers to lead events
* coordinated the speaker series event with VP of Finance technology & Solutions

**Saint Joseph’s University**: Relay for Life & Service Learning; *2017 - 2019*

**Media Youth Center & Rocky Run YMCA**: Camp Counselor; 2*013 - 2016*

**Education and Certifications**

**University of Pennsylvania, College of Liberal & Professional Studies,** Philadelphia, PA

* Finance Technology Bootcamp Certificate; *2021-2022*

**Saint Joseph’s University**, Philadelphia, PA

* Bachelor of Science in Business Administration – Finance & Marketing; *May 2019*