MICHAEL BLOOM

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OBJECTIVE

Python Full Stack bootcamp graduate looking to expand my previous career trading Commodity Derivatives in conjunction with my computer programming skill sets.

SKILLS

- Python
- Jupiter Notebook
- Flask
- HTML, CSS Framework
- Data Analysis / Visualizations
- Problem Solving
- Pandas
- SQL, SQLite3
- Unix/Linux/Mac and Windows
- Building Algorithms
- Derivatives Trading
- Networking(Interpersonal skills)

EXPERIENCE

02/2018 to 07/2018

Byte Academy – New York, NY

- An intense fullstack software engineering boot camp focusing on Python and FinTech.
- Interviewed by Interactive Brokers, blogged on Medium, and co-organized meet-ups.
- Competed in and was directly responsible for incorporating the Halite Tournament into Byte Academy's curriculum.

Natural Gas Derivatives Consultant and Broker, 12/2013 to 11/2017

OTC Global Holdings – Houston, TX

- Partnered with top clients and helped two desks grow revenue to $8 million.
- Helped grow the company's book of customers by shedding personal insight into the market based off my trading history.

Manager and Trader, 03/2012 to 11/2013

Velocity Merchant Energy, LP – Houston, TX

- Trading and market making natural gas short-term and longer dated futures/options through the curve.
- Grossed nearly 20% in first year equating to $5 million profit.

Senior Natural Gas Trader and New Hires Manager, 05/2004 to 12/2011

DRW Holdings – New York, NY

- Consistent years of profitability with over $220 million in profit. Some exceeding yearly projections by over 100%.
- Managed and ensured an accurate and risk managed position of over 3.5 million of open interest contracts.
- Trained and held mentoring roles for new traders, expanding the local team from 5 to over 30.

PROJECTS

- Projects described below can be seen on BloomsEdge.com.
- **CryptosAbyss** -- Data analysis project on cryptocurrencies. Gathered data from numerous sources including social media trends to compare and find a correlation ratio between Bitcoin and other such contemporary phenomenons. Used Pandas, Numpy, and Dash... a productive Python framework for building web applications written on top of Flask, Plotly.js, and React.js.
- **Halite AI Bot** -- Won the bronze medal in Halite III tournament; an AI programming challenge run by hedge fund Two Sigma.
- **Web Trader** -- A simulation stock trading app that keeps track of users, their trades, balances and p/l. Incorporated SQLite3 and Flask, along with Pandas, Jupyter Notebook, HTML and Bootstrap.
- **Anacott Steel** -- Built an interactive graph whereby one can compare numerous stocks over any given time period with normalized prices on a 0-1 scale for easier visibility. This involved using Python, Numpy, Dash by plotly, and Pandas.

EDUCATION

Bachelor of Science: Finance, 2004

University of Maryland, Robert H. Smith School of Business - College Park, MD