MICHAEL BLOOM

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OBJECTIVE

Python Full Stack boot camp graduate looking to further my career and be a valuable asset to any company. Specialized in Fin Tech including data analysis. Strong work history which proves excellent team work and ability to work under pressure.

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

Student, 02/2018 to 06/2018
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.
- Implemented the Halite tournament as it was added to the future curriculum after I competed.
- Projects are described below and can be seen on bloomsedge.com.

Natural Gas Derivatives Consultant and Broker, 12/2013 to 11/2017
OTC Global Holdings – Houston, TX
- Partnered and helped two desks grow revenue to $8 million by advising the companies top clients.
- 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% profit in first year.

Senior Natural Gas Trader and New Hires Manager, 05/2004 to 12/2011
DRW Holdings – New York, NY
- Consistent years of profitability with exceeding yearly projections by over 100%, with profits near $220 million between.
- 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

- **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. Used a lot of SQLite3 and Flask, along with Pandas, Jupyter Notebook, HTML some css.
- **Anacott Steel** -- Built an interactive graph in which you 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