Python Developer / Data Analyst

- Auriemma Consulting Group Jersey City, NJ Authorized to work in the US for any employer Work Experience Python Developer / Data Analyst Auriemma Consulting Group - New York, NY September 2017 to Present   Re-design and continually refine business intelligence system, extracting bank and automobile payments, credit and operations data from the SQL Server, analyzing and calculating key metrics in Python (Pandas, NumPy, SciPy) system and generating encrypted data visualization dashboards   Optimize development process, reducing time needed to build a new dashboard from 40+ hours to 8 hours   Supervise and manage data integrity within database, ensuring database development consistency   Build analytical tools to systematically validate data, identify/rectify data anomalies and improve forecasting accuracy Data Analyst Intern Innovatis Technologies - Jersey City, NJ October 2016 to July 2017   Developed statistical analysis to business data with Python and R, learning data visualization and simulation models Implemented Mean Reversion Portfolio Optimization Program and Equity Trading Simulator project Financial Analyst China Galaxy Securities - Baotou, CN July 2013 to June 2014 Provided collateralized Margin Financing and Securities Lending services to priority clients, opening 200+ margin accounts and customizing investment solutions while weighing clients' risk tolerance with expected returns   Designed, programmed, adjusted inputs and back-tested models, based on Markowitz optimization to construct portfolio   Analyzed margin account data, advising clients to meet margin calls, thereby reducing credit and operational risks Java Developer Intern / Team Lead ISoftStone Technology - Tianjin, CN March 2013 to June 2013 Java Developer Intern MyEclipse June 2012 to July 2012   Led 5-member team to develop Java EE C2C Online Store System with MyEclipse, MySQL and Tomcat   Contributed to 10-member team in designing and developing an Online Car Sales System and a BBS System Education Master of Science in Mathematics of Financial Engineering Stevens Institute of Technology - Hoboken, NJ May 2016 Certification in Computational Methods Tianjin Polytechnic University - Tianjin, CN June 2013 Skills PYTHON (3 years), SQL (Less than 1 year), DATA STRUCTURE (Less than 1 year), EQUITIES (Less than 1 year), Data Analysis (2 years), Software Development (2 years), Risk Management (2 years),

Financial Modeling (2 years), Portfolio Management (2 years) Additional Information SKILLS / ACTIVITIES Technical: Python, Algorithms, Data Structure, R, Excel, SQL, C++11, Java, Bloomberg, OpenGL Financial: Quant Finance, Pricing Models, Equities, Portfolio Management, Derivatives, Risk Management, VAR

Name: Monica Adams

Email: mwalton@example.org

Phone: 001-317-851-2421x29730