Michael Basaman - Software Engineering Services

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SUMMARY OF QUALIFICATIONS

- Proficient and productive Software Engineer with diverse professional experience using a variety of technologies including C++, Python, C#, JavaScript, Java and SQL.
- Experience developing trading systems and infrastructure services for asset classes that include Equities, Fixed Income, Derivatives and Cryptocurrency.

PROFESSIONAL EXPERIENCE

Node.js, TypeScript and React Development

Tryon Creek Software, Portland (remote)

- Developing application to schedule and route transportation of patients to medical appointments.

Python, C++ and C# Development

Auros, Hong Kong (remote)

- Developed Python strategy to maximize capital efficiency and prevent liquidation of derivative positions by initiating Cryptocurrency transfers.
- Developed Python, RabbitMQ, Postgres and AWS application to effect transfers via Exchange API requests and smart contract calls.
- Developed C++ execution router to maximize capital efficiency.
- Developed Trading System GUI in C#.

C++ and JavaScript Development

Rainey Electronics, Little Rock (remote)

- Developed GStreamer controller of video scoreboards in high school sports stadiums.
- Developed C++ Microservices to process H.264 data from mobile video cameras using Boost and ZeroMQ.
- Designed and developed a Chrome UI using JavaScript, Node.js, Postgres and jQuery.

Java Development

State Street, New York

- Developed a framework of Sybase T-SQL stored procedures to generate files containing the economic properties of Equity, Fixed Income, Options, Futures, FX and Swap trades.
- Developed a Java application to encrypt and transfer the trade files to Prime Brokers.
- Developed accounting reports to enable Hedge Fund clients to comply with the IRS Wash Sale Rules.
- Utilized Agile methodologies to maintain productivity by delivering incremental improvements.
- Worked closely with the Production Support team to resolve time-critical production issues.

Perl Development

BlackRock, New York

- Developed an Internet Explorer UI using Perl to allow credit risk analysts to share their research on corporate issuers of debt.
- Developed Sybase SQL queries to populate position data.

C Development
[Securities Industry Automation Corporation](), New York
- Developed a client connection monitor using C to detect disconnection events from the exchange.
- Diagnosed session-level FIX Protocol errors and provided telephone support to institutional clients.
- Analyzed network intrusion attempts using Snort.

CONSULTING EXPERIENCE
- US Department of Defense
- Goldman Sachs
- Bloomberg

OTHER EXPERIENCE
- Regulatory Compliance
- Information Security
- Operational Risk Management
- PRE-Trade
- Decision Support
- Portfolio Management
- High-Frequency Trading
- Post-Trade Processing
- International Relations
- Counterterrorism
- Sales
- Biothreats
- Nuclear Security

EDUCATION
[Rutgers University]()
New Jersey
BS Computer Science

Keep up the good work
I will be available
Constabulary!