

Basaman

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(228) 641-2502

### SUMMARY OF QUALIFICATIONS

- Proficient and productive Python, C++ and SQL developer with diverse expertise including Design, Production Support and Risk Management.
- Experience developing trading systems and infrastructure services for asset classes that include Equities, Fixed Income, Derivatives and Cryptocurrency.

### PROFESSIONAL EXPERIENCE

Auros Global

Hong Kong (remote)

Python, C++ and C# Development

09/2020 – 06/2022

- Developed Python strategy to maximize capital efficiency and prevent liquidation of derivative positions by initiating Cryptocurrency transfers.
- Developed Python 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#.

Rainey Electronics

Little Rock (remote)

C++ Development

03/2013 – 09/2018

- Developed C++ Microservices to process H264 data from mobile video cameras using Boost, ZMQ and GStreamer.
- Designed PostgreSQL database schema and developed SQL queries.
- Designed and developed a Chrome UI using JavaScript, Node.js and jQuery.

State Street

New York

Java Development

08/2007 – 10/2012

- Developed a framework of Sybase 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 rule.
- Worked closely with the Production Support team to diagnose and resolve time-critical production issues.

BlackRock

New York

Perl Development

06/2003 – 10/2004

- 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.

New York Stock Exchange

New York

C Development

06/2002 – 06/2003

- Developed a client connection monitor to detect disconnection events from the exchange.
- Diagnosed session-level FIX Protocol errors and provided telephone support to institutional clients.

#### CONSULTING EXPERIENCE

- US Department of Defense
- Goldman Sachs

#### 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

2002

26 USC § 75(b)(1)