801 S. Plymouth Ct. #616
Chicago, IL 60605-4001

Darrin Tracy

m/wa: +1 (312) 576-9406
email: dt@chatxbt.pro
telegram: @ReduDT

OBJECTIVE:

Secure a leadership or senior contributor role in the trading, technology, or operations vertical of a growing technology company that will leverage my experience in financial markets, risk management, scalable software engineering, operational devops, technology management, and automated trade development.

EXPERIENCE:

Operating Systems:	RHEL 7, CentOS 7/Stream 8/9, Ubuntu LTS 18.04-22.04, MacOS X, Win 3.1 – 2022, UNIX
Languages:	Python 2/3, Perl 4/5, PHP, Ruby on Rails, JavaScript, bash, ksh, VBA, VB, C, C++, Java
Database Systems:	PostgreSQL 9-12, MySQL, MS SQL, MariaDB, Sybase, Oracle
Trading Platforms:	TT, ION, Orc, TradingScreen, proprietary (CogCap's and my own digital assets platform)
Market Data:	Xignite, Bloomberg, ICE, CQG, Reuters, TradingScreen, FactSet, …
Hardware:	HPE ProLiant 360p/380/580, Dell Precision/OptiPlex/MacBook…, Cisco Catalyst
AI/ML:	ChatGPT Plus

Asset Classes/Exchanges:

Futures:	STIRs (Eurodollars, Euribor, Short Sterling), Treasury/Commodity/Equity/Currency
Options:	Indices, Index Futures, Single Stocks, Commodities, Crypto (BTC and ETH)
Equities:	Stocks (NYSE/Nasdaq/BATS/IEX/LSE/Deutsche Börse/Euronext/TMX/TSE/…)
Digital:	Crypto (Kraken/Binance/Crypto.com/Coinbase/Bittrex/OKEx/Liquid/EtherFlyer/FTX US/…)

EMPLOYMENT:

Digital Asset Management Group, Chicago, IL   **Mar 2020 – Aug 2021 / Sep 2022 – present**
Chief Technology Officer / Director of Algorithmic Trading   **Mar 2020 – Aug 2021 / Sep 2022 – present**
- Designed and built hardware and software infrastructure from the ground up, including on-prem data center.
- Developed, debugged, and tested HFT algorithms, robustly driving up to $10MM of spot trading per day.
- Recruited and managed talented and enthusiastic systems/network/data/software engineers, traders, and interns.
- Contributed content and analysis for venture capital and client-facing documents and communications.

Chicago Trading Company, Chicago, IL   **Aug 2021 – Sep 2022**
Trade Support Operations Site Reliability Engineer   **Aug 2021 – Sep 2022**
- Reviewed, approved, scheduled, configured, facilitated, and validated more of the highest impact production software releases than anyone else at the 600-person firm.
- Triaged rollbacks and fixes for releases and configuration changes during a very tight maintenance window.
- Orchestrated major migrations, requiring complex configuration changes and significant attention to detail.
- Trained teammates as well as developers, quants, and project managers on workflow efficiencies and best practices.
- Developed shell scripts for common tasks.

Cognitive Capital, L.L.C, Chicago, IL   **Jun 2011 – Feb 2020**
Senior Trade Desk Operator   **Nov 2014 – Feb 2020**
- Created, refined, and documented daily checklists and procedures to ensure a very high level of confidence in both the automated trade desk systems and the data they use.
- Monitor trading system for North American equities, futures, and fixed-income desk.
- Escalated risk concerns, abnormal system behavior, reported output, or data quality to Firm Risk Manager, Portfolio Managers, DevOps, and Software Engineers.
- Leveraged production PostgreSQL database system to modify trading parameters upon request.
- Developed Perl and Python scripts, functions, modules, and Ruby on Rails web reports to automate existing manual operations performed for trading execution and data analysis.

Senior Trade Desk Operator   **Jun 2011 – Nov 2014**
- Provided all supervision and execution of Trade Desk Operations for European trading hours.
- Facilitated risk and development escalation per documented procedures and thresholds.
- Refined and improved European Trade Desk checklists and procedures.
- Developed Perl scripts and Ruby on Rails web reports to interact with PostgreSQL and MySQL databases for more robust, automated operations.

TransMarket Group, L.L.C, Chicago, IL   **Jun 2008 – May 2011**
Trading Risk Manager   **Mar 2010 – May 2011**
- Defined and enforced risk procedures for all new algorithmic trades being developed, deployed, and executed throughout TMG North America; monitored execution of algorithmic trades and instructed on proper execution.
- Monitored real-time and EOD PNL for TMG North America, advising trading teams on ways to minimize exposure and informing both the Chairman and the CEO of potentially hazardous positions and portfolios.
- Automated an EOD system to calculate and summarize trader PNL, cash on hand, and margin requirements for individual traders and the firm as a whole.
- Acted as the Tier 1 support representative for all TMG executives, providing them with immediate solutions to high-risk trading scenarios.

Trading and Technology Project Manager   **Jun 2009 – Mar 2010**
- Acted as the primary liaison between traders, software developers, systems engineers, IT support, international offices, and senior management.
- Trained all new hires on the fundamentals of interest rate trading, hedging techniques, and basic risk management.
- Created development specifications and design prototypes for semi-automated, algorithmic trading strategies.
- Managed development efforts, beta testing, configuration, and deployment of grey-box trading solutions.

Trade Support Analyst   **Jun 2008 – May 2009**
- Employed well-tuned problem-solving skills to provide technology solutions in a fast-paced trading environment.
- Quickly became the foremost expert at TMG on the ION MMI.net trading platform, various custom Excel sheets, and other trading technologies such as TT AutoTrader and ION AutoQuoter.
- Served as the Chairman's and the CEO's first line of defense for any technology or troubleshooting needs.

Banc of America Securities / Bank of America Corporation, Chicago, IL   **Jan 2005 – Jun 2008**
Global Markets Sales and Trading Technology Analyst   **Jan 2005 – Jun 2008**
- Worked on a high-priority Risk Management project developing daily loaders for FX, Commodities and Equities.
- Created a new system to pull international options pricing from Reuters and load it into a SQL Server database.
- Migrated a financial query system from legacy CGI scripts to JSP site by developing T-SQL stored procedures.
- Provide a point of contact for internal clients and external sources, communicating problems and statuses.
- Support trading desks by both manually and programmatically loading Treasury pricing to Sybase and MIM.
- Ensure reliable operation and data flow from external pricing sources to FO traders, strategists, and MO analysts.
- Develop new Perl scripts and modify existing KSH scripts to accommodate new Treasury and MBS data needs.

ADDITIONAL EXPERIENCE:

Software Engineering Co-op, TRW Automotive, Livonia, MI	**Fall 2003 / Summer 2004**
Inventory Control Assistant, Spirit Airlines Inc., Romulus, MI	**Summer 2002**
Information Technology Systems Intern, DTE Energy Corporation, Detroit, MI	**Summer 2001**
Software Engineering Intern, Microsoft Corporation, Southfield, MI	**Summer 2000**

EDUCATION:

University of Michigan College of Engineering, Ann Arbor, MI
- **BSE in Computer Science and Engineering**   **Graduated December 2004**