KIRSTEN L. O'FARRELL

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PROFILE

Currently a **full-stack web development student at The Flatiron School in NYC (January 2016 to Present)**. Portfolio includes functional web-apps built in Rails, with PostgreSQL databasing, and JQuery/Javascript/Angular front-ends. Experience with deployment on AWS and Heroku. Formerly a financial industry professional with experience both in trading and quantitative research, data management for a large broker-dealer, as well as modeling and model maintenance for a fund. Strong analytical ability and experience in an efficient, team-based trading environment. Trained on analytical software, including Bloomberg API & CQG. Stack includes VBA, Ruby, Rails, Javascript, JQuery, Angular, and SQL.

TECHNOLOGY PROJECTS AND EXPERIENCE

World Macro, LLC | www.worldmacro.us - Subscription-based web app to showcase derivative trades and research
- Used Bootstrap and custom CSS to design front end for subscription-specific user experience
- Built APIs using Ruby on Rails and the MVC pattern drawing news headlines from outside sources
- Integrates Stripe for payment and subscription processing as well as customer management
- Deployed on Heroku with PostgreSQL database and AWS for image management

Uncommon Odyssey - Online store featuring rare, curated products from around the world
- Point of sale app built with a Ruby on Rails backend administrative framework for inventory management
- Angular MVVC front-end with jQuery API calls to database and Rails backend functionality
- Uses PostgreSQL for database management and AWS for image management and optimization
- Integrated Stripe for payment processing and customer statistic management

Canaan Technology, LLC | Norwalk, CT   **August 2015 to Present**
IT and Data Specialist
- Design and implementation of custom data management solutions for financial and small business client base
- Programming and deployment of full spectrum network solutions for residential, retail and corporate spaces
- Management of IT solutions for workstations, storage, IP and digital phone systems, exchange servers
- Development and customization of communication compliance solutions for financial client base

FINANCIAL INDUSTRY EXPERIENCE

Freelance Model Design and Analysis | Stamford, CT   **February 2015 to July 2015**
- Built custom reconciliation files in VBA for transfer of trading activity from executing party to fund administrator
- Designed and implemented cross market spread analysis quoting system in VBA for brokerage team
- Created several enhanced data monitoring micro-algorithms using Bloomberg API and VBA

COEX Partners, Inc. | New York, NY   **October 2014 to February 2015**
Strategy & Execution Services
- Developed models using Excel, CQG, and Bloomberg for monitoring specific market movements and implied values for LIBOR, Fed Fund derivative and sovereign products
- Constructed interfaces in VBA for execution and analysis including TED spreads, basis, and cross-market spreads
- Produced quantitative and qualitative analysis of trade recommendations and macroeconomic activity for base of market maker, bank, and leveraged clients
- Published daily and weekly desk commentary and maintained distribution list
- Maintained global order book and handled execution during closing of Europe and US trading session hours

Greenwich Harbour Capital, LLC | Greenwich, CT   **October 2013 to October 2014**
Trading Analyst
- Maintained models monitoring for inefficiencies in code and made improvements to existing trading models
- Developed several algorithmic monitors in VBA to observe market movements for potential new trading models
- Built auto-CSV files in VBA for straight-through processing of all trading data for operations functions
- Facilitated upgrades of both master and exchange servers for the firm

Marex North America, LLC | New York, NY   **September 2012 to August 2013**
Associate Vice President, Macro Options Group
- Responsible for fundamental macroeconomic and technical market analysis and translation to rate product trading
- Published daily and weekly group commentary discussing current analysis, flows, and trade ideas
- Kept clients apprised of volume, economic news, and related developments throughout the day and after hours using product-specific models built in Excel VBA
- Developed and executed rate futures option strategies and hedge trades for cash fixed income market makers

Managed Capital Advisory Group, Ltd. | North Salem, NY   **July 2008 to May 2011**
Investment Analyst/Portfolio Risk Manager
- Managed P&L risk for $10 MM fixed income, energy, and index futures and derivative strategy fund of funds including monitoring of daily trading activity and margin usage management for all assets under management
- Responsible for complete due diligence on investment management decisions prior to and post investment
- Back-tested and forecasted portfolio strategy combinations and made recommendations to suit specific strategy objectives for fund of funds portfolio as well as client managed account portfolios
- Audited and charted intra-month LV and margin usage volatility in all trading accounts
- Published weekly firm commentary on multiple websites and drafted notices and announcements to clients

Citi Global Markets | New York, NY   **September 2004 to June 2008**
Trading Analyst, Futures Sales and Execution
Financial Futures Sales Desk:
- Serviced CTAs and Hedge Funds with electronic execution and brokerage of U.S., European, and Asian interest rate option strategies electronically and with market makers
- Assisted institutional clients with development of interest rate futures option strategy and risk control, involving all LIBOR derivative products as well as products further out the curve and swaps
- Maintained high level of communication with clients regarding market developments and flows with constant commentary

Managed Futures Desk:
- Serviced high volume CTA accounts with electronic and voice execution
- Gained experience with U.S., European, and Asian products during all trading sessions as well as commentary for all markets

Sales Assistant, Smith Barney
- Assisted Team of Financial Advisors with client relations & portfolio design research
- Equity trade execution, matching, & reporting

EDUCATION
The Flatiron School – Learn Verified Full-Stack Web Development Program, January 2016 to Present
Hofstra University, Hempstead, NY: B.B.A. Marketing, Finance Minor, December 2004
NCAA Division I Lacrosse 4 years

CERTIFICATIONS
Advanced Excel, Professional VBA, NFA Series 3

*References available upon request