

Sean O'Toole

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OBJECTIVE: Continue to build on my existing skill-set while expanding into technologies new to me.

QUALIFICATIONS SUMMARY

- Working knowledge of Ruby, Active Record, Sinatra, Rails, Rspec, TDD, Agile Software Development, and Git version control.
- Basic knowledge of JavaScript, jQuery, C#, SQL, and .net MVC.
- Extensive business background with experience in strategic planning, operations, trading, and sales.

EXPERIENCE

Field Service App – Kansas City, MO

March 2014 – Present

Software Developer – I have partnered with two others, another developer and a marketing and sales professional, to build and launch a field service application aimed at tradesmen (electrical, plumbing, etc.). We are developing a Rails application to handle all aspects of scheduling, invoicing, payments, inventory management, purchasing, and payroll reporting for the small to mid-sized contracting firm. At this point, we've split development responsibilities into front and back ends. I am concentrating on back end work thus far including multi-tenancy, authorizations and authentication.

Phoenix Web Group, Inc. – Lincoln, NE

Feb 2014 – Present

Software Developer/Marketing guy – Time spent equally divided between learning C# and .net technologies and developing a product design and marketing plan for a SaaS application specific to the agricultural risk management sector.

Dev Bootcamp – Chicago, IL

Oct 2013 – Feb 2014

Teaching Assistant – Remote pairing and coaching of students preparing to attend Dev Bootcamp.

Dev Bootcamp – Chicago, IL

July 2013 – Oct 2013

Apprentice – Immersive training in software development. Along with training in the core competencies of algorithms, application frameworks, testing, etc., emphasis was given to pair programming, group projects and soft skills. Specific technologies included Ruby JavaScript, jQuery, SQL, Active Record, Sinatra, Rails, and Rspec. Additional skills development in Test Driven Development, Agile Software Development and Git workflow.

In addition to pair programming, we were grouped together in groups of four to complete weekend projects that included a web-based flashcard app and clones of Survey Monkey and Pinterest. As a final project, I joined a group of three others to design and build a podcast archival system using Rails 4.0. We employed OmniAuth for account authentication, the Dropbox API for local storage on the user's harddrive, Sidekiq for

downloading and uploading podcast files in the background, and Redis for caching. We used the feedzirra gem for managing podcast downloads and the ruby-mp3info gem for metadata extraction. My principal areas of involvement in the project included writing code to handle content downloading and temporary storage, parsing and cataloguing of metadata, unit testing, and deployment.

Member – Chicago Board of Trade, Chicago, IL

Dec 2011 – July 2013

Options Market-Maker – I traded Soft Wheat options on the floor of the exchange as a self employed, independent trader.

Independent Trader

Jan 2011 – July 2013

Options trading on CME Group's GLOBEX platform in a non-market-making capacity.

INTL/FCStone Trading, LLC, Kansas City, Missouri

Nov 2009 – Sep 2010

Managing Director – I set the strategic goals and direction of the over-the-counter derivatives trading activities for our 500+ employee parent company, International Assets Holdings Corporation. I had direct oversight of a sixteen-member team consisting of traders, marketers, programmers and support staff in Kansas City and New York City. I reported to the President of the parent company and sat on the risk management committee of the same.

Jan 2007 – Oct 2009

Vice President, Trading and Technology – While in this role, a subsidiary of the company was formed, Agora-X, LLC, to develop and deploy an electronic trading platform for the trading of over-the-counter derivatives. I served as product owner of the electronic trading platform and worked with our technology partner, NASDAQ/OMX, to write the design specification for the platform.

Member – Kansas City Board of Trade, Kansas City, MO

Jan 2004 – Jan 2007

Options Market-Maker – I traded Hard Wheat options on the floor of the exchange as a self employed, independent trader.

Member – Minneapolis Grain Exchange, Minneapolis, MN

Sep 2001 – Jan 2004

Options Market-Maker – I traded Spring Wheat options on the floor of the exchange as a self employed, independent trader. During this time on the floor, I developed much of the option pricing and position management software that we utilized at INTL/FCStone Trading LLC to price options and manage our risk.

EDUCATION, QUALIFICATIONS & PROFESSIONAL MEMBERSHIPS

- Dev Bootcamp, Chicago, IL July – Oct 2013
- Agora-X, LLC, Board of Directors, New York, NY 2009 - 2010
- The Institute for Financial Markets, Washington, D.C.,
Introduction to Algorithmic Trading 2009
- Hamline University, St. Paul, MN, BA – Business Finance 1983
- Associate Member – National Futures Association
- Registered Floor Broker
- Registered Floor Trader

PERSONAL

Nationality: United States

Outside Interests: Flying airplanes, home renovation/restoration, plumbing, electrical, electro-mechanical process control, welding, physical fitness and weight lifting, and reading.