

Richard Blankenhorn

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Languages

- Python (Numpy, Pandas, Scikit Learn, BeautifulSoup), Ruby, Rails, HTML, CSS, Bootstrap, RSpec, SQL

Development Tools

- Git, GitHub, Pivotal Tracker, TDD, RubyMine, PyCharm, Command Line/Shell, SQL Developer, Oracle Database 11g Express

Education

- Dakota State University – Masters in Data Analytics 2015 – 2017

- The masters program focuses on big data analytics by utilizing Python, SQL, Hadoop/Spark, R, SAS and statistical methods.

- DaVinci Coders - Building the Toolbelt of a Junior Ruby on Rails Engineer

- A thirteen week intensive course covering Ruby and Ruby on Rails. The course utilized Pivotal Tracker to keep track of homework assignments and group projects. Learned Git branching strategies, including opening pull requests, responding to code reviews and rebasing branches when appropriate. Pair programmed on a group project call Pair-Up, which allows students to create an account (Omniauth option available with GitHub), add time availability and view other students who have similar availability. Students can then send each other messages (stored in a database) and schedule a time to Pair Up!

- University of Missouri - Columbia — BSBA Finance

- Series 7 and 63 Licensed

Work Experience

Financial Services Representative II (Senior Broker): Scottrade, Inc 2011 – Present

- Analyze and implement option expiration reports to mitigate risk to the firm. Involves thorough understanding of margin call risk, buying power calculations and overall risk to the client and the firm based upon current and expiring option positions (long calls, long puts and naked put options).
- Research and analyze impact to client's tax situation due to mandatory reorganizations such as mergers, splits and spinoffs. Assist clients with cost basis calculations and overall impact to their Form 1099.
- Develop and implement effective learning methods to prepare new hires for their series 7 & 63 exams and to obtain a comprehensive understanding of their roles.

Financial Services Representative: Scottrade, Inc 2009 - 2011

- Assist clients with meeting their financial objectives through a better understanding of financial products and investment risks.
- Provide clients with a better understanding of our online tools and resources.
- Assist clients via phone, chat and e-mail with opening accounts, placing trades, deposits and account navigation. Answer general questions related to investment product availability, account services, tax preparation and policy

Mutual Fund Networking: Scottrade, Inc 2006 - 2009

- Run daily reports for mutual fund transfers, networking and reconciliation
- Facilitate transfers between Scottrade and mutual fund companies
- Assist branch network and service center with mutual fund trades, fund requirements, product availability, internal transfers and mutual fund networking.