Regions Bank

Regions Bank, 1900 Fifth Avenue North, Birmingham Alabama

Contact Person: Jacob Kosoff, 2052644754

Fortune 500 financial institution based in Birmingham; Model Risk Management and Validation Intern Position

College Majors Appropriate for this Position:

Candidate should be working towards a Master’s degree (with expected graduation in December 2018 or May 2019) in one of the following fields: Data Science, Statistics, Mathematics, Economics, Actuarial Science, Engineering, Physics, Quantitative Finance, Data Analytics, Business Administration, Accounting Finance, Management and Information Systems, Computer Science, Computer Engineering or related fields

OR

Candidate should be working towards a Bachelor’s degree (with expected graduation in December 2018 or May 2019) in one of the following fields: Data Science, Statistics, Mathematics, Economics, Actuarial Science, Engineering, Physics, Quantitative Finance, Data Analytics, Business Administration, Accounting Finance, Management and Information Systems, Computer Science, Computer Engineering or related fields AND bring strong coding experience.

Potential Job Responsibilities for Hillel Intern:

Regions Model Risk Management and Validation (MRMV) is seeking a model validation intern to join our team for the 9 weeks beginning June 4, 2018. MRMV performs independent oversight activities, including model identification, certification, determination, classification, inventory management, validation, review, issue remediation testing, and related activities. MRMV tests models and tools in the areas of interest rate risk, liquidity risk, credit risk, capital

planning, stress testing, operational risk, allowance for loan and lease losses, loss migration, funds transfer pricing, profitability, loan pricing, deposit pricing, mortgage servicing rights, hedging, derivative pricing, budget modeling, financial planning, loan valuation, securities valuation, cash flow, Value at Risk, prepayments, deposit sensitivity, economic capital, anti-money laundering, fraud, credit scoring, behavioral models, loan sales, taxes, fee income, cost

allocation, asset allocation. The Model Validation Intern could also be expected to participate in a number of data risk initiatives which include the enhancement of reporting capabilities, collaboration with business partners, and process improvements relating to technology and data.

* Support team in performing model validations, writing validation reports and clearly documenting evidence of validation activities.
* Validation test work includes evaluating each model’s:
	+ Use
	+ Theory and developmental evidence
	+ Data
	+ Implementation
	+ Outcomes analysis, ongoing monitoring, and model performance
	+ Governance, Controls and Business Continuity
* Communicate model issues and limitations to key stakeholders
* Collaborate with data owners, the Enterprise Data Office, and other data stakeholders to identify critical data elements
* Advocate the incorporation of risk management in the implementation of new data-related systems and processes
* Develop dashboards that measure the quality of critical data elements
* Understand and execute common risk management activities
* Work with stakeholders to generate ad-hoc reporting when needed
* Write and revise documentation around data

Desired Skills for the Intern:

• Excellent written and oral communication skills, especially clearly explaining quantitative concepts to nonquantitative audiences

• Must have attention to detail, initiative and ability to work under tight deadlines

• Ability to manage multiple tasks and work effectively under pressure in a rapidly changing environment

• Motivated, organized, and team-oriented

• A proven track record of working in teams

• A control-focused mind-set with strong process improvement capabilities

• Proficient in Microsoft Excel and a good understanding of general database querying tools and valuation functions

• Proficient with database technologies such as SQL Server, Oracle, and Access

• Proficient with data models, data process flows, and data supply chain

• Ability to interact with data using data science tools such as Python, R, SAS, Matlab, and Eviews

• Understanding concepts in big data to address related risks

• Understanding process improvement such as techniques related to DMAIC and Six Sigma

Preferences:

• Experience with SAS, SQL, R, Matlab, and Excel/VBA • CFA or FRM certifications

• Knowledge of modern web application development platforms o Client languages such as HTML5, CSS3, JavaScript, JQuery, and React.JS o Server languages such as Node.JS, Java, PHP, Apache o Version control with tools such as Git and BitBucket

• Experience with managing and creating SharePoint lists, document libraries, and workflows

• Understanding of SAS Enterprise Guide and Base SAS

• Implementing good practices in data visualization for reports, dashboards, and presentations

• Certified by Microsoft in one of the following programs:

o Microsoft Professional Program in Big Data

o Microsoft Professional Program in Data Science

• Certified by W3C or equivalent in front-end and back-end web development