

Matthew Yee
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The Capital Group:

I am very interested in the Data Science Analyst position that you have posted. Having recently completed my data analysis bootcamp in addition to my extensive experience in the financial products industry, I am an ideal candidate for the open role at The Capital Group and would love the opportunity to discuss this position with you further.

For the past 2+ years at Pacific Life, I have worked extensively in FrameMaker to build product specifications. I have also modeled our products in Excel to ensure that policies and features work as intended for our IT systems and are competitive in the insurance marketplace. The process involves debugging spreadsheets to reconcile discrepancies between systems by locating errors in large datasets and values. Due to the highly complex nature of our products, I have developed macros to import rates to our various testing environments and test the validity, formats, and consistencies of rates. Additionally, I work across multiple departments to get buy-in on technical features both from a marketing standpoint against the competitors and a feasibility standpoint from internal systems. In the recent weeks, in addition to my normal duties, I worked on a project that takes real policy data and tries to predict lapse of policies based on different factors and compiled sales data into different metrics to measure the experience we have with different policy features.

Prior to my work with Pacific Life, I worked as a Financial Services Representative with Forester's Financial. During my time there, I guided clients through insurance and investment options for various financial goals. One of the tools that used to help clients accomplish their goals was American Funds, so I am aware of the positive impact that your tools and services have on clients and their financial futures.

I have always loved statistics and its potential application to the decision-making process. When my programming skills started to develop, I began maintaining an Excel NBA Daily Fantasy model. The model takes in numerous amounts of input including team and positional matchups, pace, historical performance and home versus away splits and outputs projected player stats on a game-by-game basis. The increasing success, size, and time to update my model encouraged me to enroll in a Data Analysis Bootcamp where I completed various projects that taught me the fundamentals of coding and given me a chance to dive deeper into many of the different coding languages as well as automate certain tasks. In one of our most recent projects, my team and I built a website that scrapes large amounts of data from NBA.com and constructed an interactive dashboard that displays the advanced statistics of a searched player. To do this, I scraped the statistics from the source using Python Selenium, stored the data in Pandas and MongoDB and returned the data to the website using Flask and SQL queries and used the information to build a player's shooting heatmap using JavaScript and SVG and shooting statistics for players across different timeframes during a game. For more information about my projects, please see my portfolio at <https://github.com/mcyee90>.

I believe that I am an ideal candidate for your position and would be happy to talk to you regarding my qualifications for the current open position. Please feel free to contact me at mcye90@gmail.com or call me at 949-636-0230.

Sincerely,

Matthew Yee