

Research Analyst Research Analyst Research Analyst - Federal Reserve Bank of Dallas Dallas, TX
Seeking a Software Engineering role where I can apply my diverse programming background and my math skills gained from economic research to build useful products and gain valuable experience. Authorized to work in the US for any employer Work Experience Research Analyst
Federal Reserve Bank of Dallas July 2018 to Present Built and implemented statistical models in R for a research paper analyzing the relationship between global liquidity and inflation under different monetary regimes Collaborating with a team of 2 Economists and 3 Analysts on natural language processing for economic documents using tools such as TF-IDF (term frequency-inverse document frequency) and Naive Bayes Classifier Gathered, analyzed, and summarized international economic and financial data for quarterly briefings to the President of the Dallas Federal Reserve to inform him on the best courses of action for monetary policy Responsible for developing and implementing training content for new research assistants Software Engineering Intern MaxPoint Interactive, Inc May 2016 to August 2016 Improved reliability and performance of the company's data processing engine by transitioning to Apache Spark Converted ETL and data analysis jobs that run on Impala to run on Spark using the Scala and Python APIs Analyzed and presented general usage on the Impala nodes allowing safe transfer of more than 1TB of RAM and 300 cores to the Spark cluster Software Developer Intern WebWorks.com May 2015 to August 2015 Made over 40 UX improvements requested by customers and sales team Implemented a search feature using Apache Solr that improved app navigation and user efficiency Web Application Developer Kalisi September 2014 to December 2014 Used JavaScript and HTML to add Hulu.com support for the Kalisi chrome extension, which allows users on separate devices to watch videos in sync with a leader who can play, pause, seek, and select new videos for all Education Bachelor's in Computer Science The University of Texas at Austin - Austin, TX August 2013 to May 2018 National University of Singapore January 2017 to May 2017 Skills OBJECT-ORIENTED, OBJECT-ORIENTED PROGRAMMING, STATISTICS, Javascript (2 years), Java (1 year), Python (3 years), SQL (1 year), Statistics (1 year), Git (4 years), HTML (1 year), C++ (Less than 1 year), jQuery, MySQL Links <http://www.aboutamro.com> Additional Information Technical Skills: Object-oriented programming,

full-stack development, testing and debugging code, statistics and basic ML

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