

TAEHOON (TAE) SONG

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DataEngineer@TaehoonSong.com

Washington, DC

CURRENT WORK EXPERIENCE

Cohen Milstein Sellers & Toll, PLLC

Data Engineer

Washington, DC

Sep 2022 – Present

- Lead the design, implementation, maintenance, and optimization of data pipelines, databases, and application infrastructures.
- Develop Python apps that automate existing processes, create data solutions for litigation support, or assist in case development.
- Modernize legacy Python, SQL, and VBA code to be more secure and performant; migrate all authentication systems to use SSO.
- Evaluate AI solutions for the Firm with respect to data privacy, security, and impact as a member of the Firm's AI Committee.

RELEVANT WORK EXPERIENCE

Grant Thornton LLP

Statistician

Washington, DC

May 2021 – Aug 2022

- Designed efficient statistical samples for federal and state taxes, audits, and other program analytic purposes, saving hundreds to thousands of staff hours per engagement.
- Helped win over \$8 million in government contract awards in 2022 by authoring technical sections related to statistical sampling and data analytics in RFPs.
- Researched and implemented efficient sampling methodologies and automated internal processes via R and Python scripting; conducted simulation studies to estimate sampling efficiency, statistical inference and prediction performance, and confidence coverage.

Cohen Milstein Sellers & Toll, PLLC

Data Analyst

Washington, DC

Jun 2016 – May 2019

- Researched securities frauds and market manipulation involving various financial instruments; frequently worked with Antitrust or ERISA practice group attorneys to assist with financial data analysis.
- Analyzed trading data sets, recognized trends and patterns, validated data integrity; audited and monitored investment data for institutional investors to calculate potential damages relating to securities class actions.
- Developed custom data pipelines by integrating Bloomberg API, VBA, SQL, and Python to automate and assist with efficient data analysis, formatting, and validation.

RiskEcon Lab, New York University Courant Institute

Research Intern

New York, NY

Oct 2015 – May 2016

- Aggregated and analyzed biodiversity data from proprietary and federal databases; reviewed literature on biodiversity data collection methods.
- Analyzed quantitative data from the railroad transportation industry to implement a financial model that considers potential economic and environmental losses due to derailments.
- Impacted policies and legislation at the state level by identifying challenges and problems through data-driven analysis; prepared and presented statistical reports to advocacy groups.

EDUCATION

George Mason University - Volgenau School of Engineering

Master of Science – Statistics

Fairfax, VA

Graduated May 2021

New York University - Stern School of Business

Bachelor of Science – Accounting and Business Statistics

New York, NY

Graduated May 2016

TECHNICAL SKILLS

Python, SQL, Linux, Bash, VBA, Git, R, Azure, SAS