

Matthew Cocco

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EXPERIENCE

Goldman Sachs – Dallas, TX, USA

May 2019 – Present

Vice President, Risk Engineering - Digital Strategy & Automation in Market Risk

- Served as digital strategy lead for local team, facilitating development of multiple technical solutions to create new quantitative risk management and reporting capabilities, improve efficiency of existing systems, and eliminate dependencies on legacy systems and processes.
- Highlighted and presented the most interesting and material transactions to senior stakeholders on a daily basis by leveraging custom-built tools to develop data-driven explanations of change in market risk metrics.
- Reclaimed 8+ human-hours per day (with estimated eventual savings of 20+ human-hours per day) by leading a development team of 5 in the design and development of a reporting automation framework.
- Collaborated with a global team of 7 to develop a systematic limit calibration framework which synthesizes risk appetite, revenue attribution, and historical limit utilization to streamline annual and ad-hoc risk limit-setting.
- Engineered automated reporting to identify potential gaps in risk management systems & external team data feeds for escalation to senior stakeholders, enabling leadership to proactively identify and remediate or mitigate cross-org data quality issues on a daily basis (previously done manually and once-annually).
- Reduced average incidence of daily data quality issues by 10-15% (estimated savings of 1-2 human-hours per day) by investigating and driving resolution of cross-team technical issues across globally distributed systems.
- Developed training materials, documentation, and knowledge-sharing presentations to educate team members about nuances of quantitative risk management for multiple business units, including US Fundamental Credit, Global Structured Credit, and Interest Rate Products.

Walmart Labs – Bentonville, AR, USA

Software Engineer II, Supply Chain Technology

January 2018 – May 2019

- Served as tech lead for development of android and mobile web application, responsible for facilitating architecture/design decision-making, improving code review processes, and accelerating testing capabilities, primarily via continuous delivery of software enhancements to globally distributed logistics centers.
- Facilitated collaboration between co-located team of 10 and offshore team of 9 to deliver Android mobile application and React-based web application backed by NodeJS and Java microservices.

RadioUTD – The University of Texas at Dallas, TX, USA

September 2013 – September 2017

Systems Administrator

EDUCATION

The University of Texas at Dallas

December 2017

B.Sc., Information Technology and Systems

GPA: 3.162

Hochschule für Technik und Wirtschaft des Saarlandes

October 2015 – February 2016

Gaststudent, Praktische Informatik (Guest Student, Applied Information Systems)

ORGANIZATIONS AND LEADERSHIP

Dallas Buzz Condominium Owners' Association – Treasurer

January 2021 – Present

Association for Information Systems – President, The University of Texas at Dallas

January 2017 – January 2018

Congress-Bundestag Youth Exchange for Young Professionals Fellowship – Fellow, Germany

July 2015 – July 2016

TECHNICAL SKILLS & ADDITIONAL INFORMATION

Programming Languages: Web Frontend (HTML, CSS, JavaScript, Typescript), React, Python 3

Foreign Languages: German (fluent, B2/C1 equivalent)

Interests: 3D Printing, Dallas Makerspace, F.I.R.S.T. Robotics, Skiing, Photography, Digital Art, Embedded Devices

Eligibility: (U.S. Citizen / USPR) Eligible to work in the U.S. with no restrictions