

Matthew Cocco

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EXPERIENCE

Goldman Sachs – Dallas, TX, USA

May 2019 - Present

Software Engineer/Quantitative Risk Manager, Risk Engineering

- Highlighted and presented the most interesting and material transactions to senior stakeholders on a daily basis by developing systems in GS-proprietary scripting language to extract data-driven explanations of risk changes.
- Managed communication and escalation across offices in Dallas, New York, London, and Bengaluru to coordinate timely analysis and resolution of technical and operational issues impacting production systems used by 40+ globally distributed team members across business units.
- Eliminated 5+ human-hours per day (with estimated eventual savings of 20+ human-hours per day) by leading a team of 5 to develop and deliver reporting automation framework in GS-proprietary scripting language.
- Coordinated and collaborated with onshore team of 10 to produce, review, and distribute daily risk reports to internal and external stakeholders for use in firmwide data-driven risk management and decision-making.
- Reduced average onboarding time for new engineers by 35% (estimated reduction of 2-3 weeks of onboarding time) through process redesign, improved documentation, and training material development, including curriculum development and live presentations.

Walmart Labs – Bentonville, AR, USA

January 2018 - May 2019

Software Engineer II, Supply Chain Technology

- Served as tech lead for development of Android and mobile web applications, responsible for facilitating architecture/design decision-making, improving code review processes, and accelerating testing capabilities.
- Facilitated collaboration between co-located team of 10 and offshore international team of 9 to deliver Android mobile application and React-based web application backed by NodeJS and Java microservices.
- Optimized CI/CD pipelines, enabling teams to accelerate production deployments from 1 per 14 days to 3+ per day (on-demand), permitting more rapid delivery of value to users and customers.
- Developed curriculum for internal DevOps training, then facilitated ten four-hour training courses to 30+ fellow engineers, reducing mean-time-to-delivery for participating teams by 16% on average.

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

September 2013 – September 2017

Systems Administrator

- Maintained 99.9% uptime of custom internal scheduling systems, WordPress site, and ShoutCast streaming infra.
- Supported legacy systems and improved custom PHP backend for management team of 7 and DJ team of 68.

EDUCATION

The University of Texas at Dallas

December 2017

B.Sc., Information Technology and Systems

Hochschule für Technik und Wirtschaft des Saarlandes (HTWSaar)

October 2015 – February 2016

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

ORGANIZATIONS AND LEADERSHIP

Dallas Buzz Condominium Owners' Association – Treasurer, Dallas, TX

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

Languages: *Web Frontend (HTML, CSS, JavaScript, Typescript), React + Redux, Apache Cordova, Python 3*

Tools: *git, Balsamiq Mockups, MS Excel, Adobe InDesign, Adobe Photoshop*

ADDITIONAL INFORMATION

Interests: *3D Printing, Hackathons, Dallas Makerspace, Embedded Systems, Sailing, Skiing, Photography, Economics*

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

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