



G R E G W O L F I N G E R , C F A

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Finance Senior Director pivoting to follow passion for backend software engineering

<i>skills</i>	Continuous learning is a core principle. I excel at quickly learning things and independent study <ul style="list-style-type: none">• Code: Go, Java, Python, Jupyter Notebook, Git• AWS Certified Developer (2023)• Certified Kubernetes App Dev (expected Oct 2023)• Data: SQL / NoSQL, JSON, protobufs• Cloud: containers, Kubernetes, Kafka, OpenTelemetry• Frameworks: REST, gRPC, Agile		
<i>courses</i>	Fundamentals of Backend Engineering (Jul 2023)	Fundamentals of Database Engineering (Aug 2023)	
<i>education</i>	MBA, Rady School of Management UC San Diego, 2014	CFA Charterholder CFA Institute, 2009	BS, Information Systems University of Maryland, 2004
<i>professional projects</i>	<p>Broker / Dealer Anti Money Laundering</p> <ul style="list-style-type: none">• Data integration across LPL Financial's trading systems to detect money laundering• Solution included bash scripts to automate and integrate across unrelated systems with no APIs and SQL stored procedures to optimize database performance <p>Investment Bank Market Risk Consolidation</p> <ul style="list-style-type: none">• Analyzed VBA macros for JPMorgan trading desks across diverse geographies + financial products• Created functional and technical design documents to standardize and aggregate market + credit risk measures <p>Insurance Investments Algorithmic Risk Management</p> <ul style="list-style-type: none">• Technical design and implementation of data ingestion + modeling for \$90B in fixed income, structured products, and derivatives to be used on a market risk software platform <p>Ventures Public Share Exit Model</p> <ul style="list-style-type: none">• Designed and implemented a dynamic, volatility-based model to exit Qualcomm Ventures publicly-listed holdings using Python and Jupyter notebook <p>Treasury Data Warehouses</p> <ul style="list-style-type: none">• Created treasury department data warehouses for Qualcomm and Adobe to improve + automate reporting and optimize P&L + tax impacts from business activity		
<i>personal projects</i>	<p>Varangian: Shopify + AWS of investment management</p> <ul style="list-style-type: none">• Motivation: create an investment platform that focused on generating value for users rather than the platform• Tech: Go, gRPC with REST exposed gateway, protocol buffers, Postgres <p>Outcomes: Better data analysis for finance</p> <ul style="list-style-type: none">• Motivation: open source a package to assist with better financial market data and investment performance analysis• Tech: Python, Pandas, Numpy, Statsmodels <p>Algos and Algos.Java: Implementation of common algorithms and data structures</p> <ul style="list-style-type: none">• Motivation: implement common data structures and algorithms to solidify comprehension• Tech: Go, Java <p>Midtide: Books time on your Google calendar based on Surfline conditions</p> <ul style="list-style-type: none">• Motivation: brush up on Python, learn how to piece unrelated APIs together, and book time for surfing!• Tech: Python, Google Calendar API, Surfline API		
<i>personal</i>	Surfing, tennis, social leagues	Music shows & festivals	Motorcycling (toured Vietnam)

Chronological work experience demonstrating career progression, domain expertise, high stakes responsibility + reliability, and team leadership (managers + ICs) on the following page

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education	MBA, Rady School of Management UC San Diego, 2014	CFA Charterholder CFA Institute, 2009	BS, Information Systems University of Maryland, 2004
experience	QUALCOMM INCORPORATED San Diego, CA <i>Sr. Director, Treasury & Ventures Finance</i> 2021 – present <ul style="list-style-type: none">Lead a team of 10 (3 managers, 7 ICs) responsible for ops + cash management, FX hedging, investments, and VenturesAdvise on all aspects of Treasury while developing people managers and junior team member domain expertiseWork closely with legal, tax, accounting, and BU teams on legal entity structuring, cash pooling, M&A integration, etc.Assist Ventures team with finance support, equity portfolio risk, and exiting publicly-listed positions <i>Director, Corporate Financial Planning & Analysis (FP&A)</i> 2019 – 2021 <ul style="list-style-type: none">Led a team of 7 (2 managers, 5 ICs) responsible for consolidations, outlooks, earnings, and long-range planningBoard financial reporting including drafting CFO and Finance SVP correspondenceDeveloped high performing analysts who were highly sought after by internal teams for future rotations ADOBE SYSTEMS INCORPORATED San Francisco, CA <i>Sr. Manager, Finance</i> 2017 – 2018 <ul style="list-style-type: none">Oversaw \$6bn investment program, capital policy & structure, capital markets, and board reportingDesigned P&L model to forecast, analyze and explain key performance drivers in a SaaS frameworkCreated a data warehouse for analysis & reporting of investments, FX hedging, and debt 42 VOYAGER LLC San Diego, CA <i>Founder</i> 2016 – 2017 <ul style="list-style-type: none">Developed a fundamental global macro investment strategyOpen sourced Python code that generates investments analytics and performance QUALCOMM INCORPORATED San Diego, CA <i>Director, Treasury & Capital Markets</i> 2015 – 2016 <ul style="list-style-type: none">Worked with senior & executive management to formulate strategy; built capital markets function from scratchDesigned + executed \$4bn revolver & commercial paper program, \$10B debt IPO incl. \$4B of locks & swapsStructured and repurchased \$12B+ of stock incl. a \$5B accelerated share repurchase (ASR)Assisted Treasurer w/ managing banking, rating agency and credit investor relationships <i>Sr. Manager, Corporate Financial Planning & Analysis (FP&A)</i> 2014 – 2015 <ul style="list-style-type: none">Created bottoms-up models to value individual BUs and total companyGenerated peer & competitor intelligence for a variety of mobile + adjacent technology markets <i>Sr. Analyst > Manager > Sr. Manager, Treasury Investments</i> 2010 – 2014 <ul style="list-style-type: none">Investment program strategy and asset allocation for a \$30B+ multi-asset class portfolioProduced and presented macroeconomic outlook to CEO, CFO, and EVPs ACCENTURE PLC San Diego, CA <i>Management Consultant, Financial Risk Management</i> 2007 – 2010 Clients included Shell Trading, JPMorgan, Credit Suisse, and Allstate Investments <ul style="list-style-type: none">Led 8-person team to redesign front office & risk control processes for trading 7.5M barrels/day of oilAnalyzed market risk framework for credit, rates, and FX trading desks globallyAnalyzed & redesigned the workstreams of 12 asset management desks with \$215B in AUMModeled \$90B of fixed income, structured products and derivatives for valuation and risk analysis INFORMATICA CORPORATION San Diego, CA <i>Analyst > Consultant > Sr. Consultant, Professional Services</i> 2004 – 2007 <ul style="list-style-type: none">Built data integration & analytics capabilities for Technology, Media, & Financial Services clients		
personal	Surfing, tennis, social leagues	Music shows & festivals	Motorcycling (toured Vietnam)