Cecilia Fryar CV

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Summary

As a data diver and learning expert, my mission is to purposefully unlock potential, pursue data driven decisions, and inspire lifetime learning. From enterprise clients to emerging young professionals, I derive insights from data and create growth experiences to empower and transform careers. I serve as an SME for analytics, data science and adult learning.

Experience

Founder, CEO (Managing Partner)

Data Divers LLC
Austin, TX
10/2018 - present
Global professional business intelligence, education, and technology group. Founder and managing partner. Data Analytics and Data Science SME. BI Developer, instructional lead, and consultant. Clients range from Austin startups to F100. We have delivered a range of services from fractional CDO consulting, analysis project to curriculum to learning paths for data analytics, data science, data engineering and software development. Tool emphasis have included visual analytics and database architecture and cloud solutions.

Adjunct Professor

University of San Francisco
San Francisco, CA
3/2023 - present
Undergraduate content creation and delivery of three courses: Applied Business Technologies, SQL Programming (BUS 205), Data Visualization (BUS-340) and Management Principles: Data Analytics (BAM-303). Preparing students for internship opportunities. Equipping students with the mindset and toolset to be successful in the marketplace to create data driven analysis, develop expertise with data acquisition, preparation, interpretation, analysis, and reporting skills.

Head of Instruction & Education Experience

University of Bahamas
Nassau, New Providence, Bahamas
11/2023 - present
Led the University of Bahamas' inaugural Data Analytics Immersive program, in partnership with Smarter Bahamas and DriveX Network. **Results included 87% retention, 100% successful graduation, and 95% positive student job outcomes.** Mentored local staff during pilot for longer term independent leadership. Provided curriculum development and classroom leadership toward preparing students for data analytics internship opportunities.

Integrated training for mindset and toolset to be successful in the marketplace creating real world data driven analysis, using SQL, Tableau, Excel, and Python.

Advanced Data Analytics Distinguished Faculty
Analytics Product Advisory Board (Chair, 2 years)
General Assembly
New York, NY
10/2016 - present
Global instructor, curriculum developer and product advisor for rapid upskilling in data analytics using SQL (PostgreSQL and MS SQL), Excel, Tableau, Power BI, Qlik and Python. Data Analytics Product Advisor Board Chair (2 years). Top Instructional Contributor Award, 2019. Online and on-site training and career coach to global enterprise and individual students. Average 87 NPS over 63 cohorts worldwide, plus 4,000 webinar attendees. SME and Courseware developer for consumer curriculum, enterprise private courseware deliveries, data assessment evaluations, pre-work asynchronous modules and interactive homework modules. Profile:
https://generalassemb.ly/instructors/celia fryar/11399

Enterprise clients included: MiSK Academy (Saudi Arabia), McKinsey, Synchrony, Humana, Microsoft, Bloomberg, S&P Global, Fiat Chrysler, Navy Federal Credit Union, L'Oréal, Guardian Life, Kendra Scott, Favor, Greater Sacramento Urban League, and Interact.

Materials Created included: Data Analytics Assessment Tool: SME QA of SQL and Power BI; generated 84 assessment isomorphic pairings of Power BI evaluations. Developed expanded curriculum and interactive activities for Excel and PostgreSQL asynchronous pre-work for Consumer Data Analytics Immersive Bootcamps. Bloomberg private enterprise curriculum expanding the Data Analysis delivery and learning objectives scope by 50% , AN 3.0 "Refresh" of Consumer Data Analytics Courseware, Interactive Data Analytics Homework activities built into Schoology for consumer curriculum, SQL Beginning and Intermediate Bootcamps, Tableau 6-hour Consumer Bootcamp, Enterprise Advanced Data Analytics Immersive pilot contributor and author for Tableau track and extensions for SQL Lessons, SQL Lessons for Data Analytics consumer revision for 4.0. Power BI enterprise courseware (2x revisions). SME and contributor to 2023 revision and expansion of Data Analytics Immersive Pre-Work curriculum. Created and led Interview Prep Workshops for Data Analytics, Data Science and Software Engineering.

Content Developer and Project Manager
Rockborne Ltd
Wimbledon, England, UK
2/2022 - present
Consulting with Rockborne CEO. Providing resources for business development and expansion. Developed a wide suite of curriculum and classroom delivery materials to prepare consultant "students" who were hired FT for Rockborne's ATD (Attract, Train, Deploy) business model. Scope encompassed SQL, Python, Power BI, Tableau, Presentation Soft Skills

Exercises, Python API's, Web Scraping, Python Machine Learning, Data Science Modelling and Dev Ops (Cloud, Docker, Kubernetes, Airflow). Managed team of practitioners and courseware developers for Dev Ops and ML modules, as well as onsite delivery and adoption mentorship.

⭐ **October 2023 – Rockborne awarded "Best Data Academy" by dataIQ Awards. Data Divers' team provided all curriculum and localized adoption mentorship for the full suite of internal curriculum.**

Director of Training, Data & Security (Acting Head of L&D)
Talent Path LLC
Houston, TX
1/2021 – 1/2022
Created and established L&D department, including best practices for hiring, professional development, and classroom delivery. Managed multi-leveled team. Negotiated and managed 3rd party providers and delivery relationships. Managed evaluation metrics with enterprise stakeholders. Upskilled ~222 professionals for enterprise engagements. Placements clients included DELL AI/ML (Data Science Analysts & Development), Cognizant (Azure & AWS Consultants), Phillips 66 (Data Analyst and Data Scientists), Vanguard (Software Developers), among others.

Delivery included Advanced Analytics, Data Science, and Cloud Engineers. Authored proprietary core curriculum for advanced analytics, data science, ML Dev Ops, Python and Front-End Web Development. Built strategy for hybrid educational experiences for Centers of Excellence to increase engagement and impact, while reducing costs. Contributed to successful acquisition of Talent Path company to SkillsStorm.com.

Curriculum & Content Developer
DataCamp
Remote
5/2020 – 12/2020
Authored three interactive online Tableau courses: Analyzing Data in Tableau, Creating Dashboards in Tableau and Connecting Data in Tableau. Designed to prepare students for successful completion of the Tableau Desktop Certification exam and establish a professional level foundation in visual analytics best practices. Components created and produced included screencast, video scripts, instructional objectives, lesson outlines, activity workbooks, solutions workbooks, and specifically selected exercises (which required students to demonstrate multiple levels of mastery through the quiz and exercise device selected).

Courseware Designer & Lead Instructor
Skills Gap Ltd. https://www.skillsgap.tech/
Remote, Nottingham, UK
10/2019 - 3/2021

Closely partnered with SportsLived.uk owner as his team pivoted their success with athletes into technology training. Created and delivered Data Analytics educational experience to British high school students preparing to sit for A and B Level Exams. Authored course design for Introduction to Data Science using Python for high school graduates. Designed and recruited authors for Front End Web Development and UX/UI Training 3-week experiences.

SQL Courseware Developer
data.world
Austin, Texas
11/2017 – 3/2018
Authored online SQL use case styled tutorial training materials for new community members, teaching SQL basics through intermediate skills alongside real world scenarios. Incorporated community databases into the training scenarios to encourage platform participation.

President and Managing Partner
Christy Management, LLC
Dallas, Texas
6/2001 – 4/2008
Corporate strategy, holdings, and investment lead. Diverse asset portfolio. Led board meetings. Collaborated with stakeholders and SMEs for successful profitability, asset growth and eventual distribution.

Technical Trainer
Crystal Clear Learning Systems, Texas
1995-1996
Delivered onsite upskilling for clients of AT&T and Polaroid. Led User and Administration training for Texas Department of Motor Vehicle system wide upgrade to IoT capture devices and local area networking.

Founding Partner, COO
Peninsula Gameworks, LLC
San Jose, CA / Austin, TX
1990 – 1995, 2010-2012
Team of five creating the first-ever multiplayer 3D online game on the Macintosh platform. Award winning game was published originally as "Spectre". Managed legal, finances, and business relationships. Published by Velocity and sold more than 500k copies. 2010 iOS retro re-launch, including AI-bots and first-ever iPhone anaglyph 3D VR support. 100k sold.

Director, WWFO Sales Systems Support
Sun (SMCC)
Milpitas and Mt. View, CA
6 /1991 – 4/1993
Managed global teams providing end-user support and software development for field

sales and support organization, including call center, tech ops, analysis reporting and skills training. Cross-functional working groups lead. $14.7M budget, 67 people.

Regional Systems Engineering Manager
Banyan Systems
Pacific NW Region, Santa Clara, CA
4/1988 - 5/1991
Managed technical accounts and network engineers in Northwest US regional territory for go to-market activities, implementation services and ongoing support. Co-developed network engineering certification curriculum and exams. Nationally recognized 1989 (Rookie SE of the Year) and 1990 (District Support Manager of the Year).

Senior Systems Engineer
Entre Computer
San Francisco, CA
11/1987-4/1988
Systems engineering for local & wide area networks, providing pre-sales through implementation, along with account development and maintenance support. Managed team of support technicians and systems engineers.

Systems Engineer and Corporate Technical Trainer
CompuShop
Dallas, TX
7/1985 - 11/1987
Initially hired as a database software developer (Programmer Analyst). Promoted into the role of Corporate Technical Trainer and Field Systems Engineer. Certified as 3Com 3Wizard, Novell Network Engineering, IBM Networking, IBM System 36 and IBM 4341 Operations and for Open Systems Accounting Software administration.

Community Service
Community Small Group Leader
Facilitator of Holiday Meals for Austin Homeless
Community Band Team Member / Leader (piano, vocals)
School Volunteer: Science Fair Judge, Chaperone, Faculty Support
High School Booster Club Volunteer: Treasurer, Med Staff, Band Food Team Lead, etc.
Sport Coach for children's leagues: soccer, basketball, flag football, tennis