**SAMUEL SULTAN**

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**PROFILE**

Strong experience in curriculum development, technical and professional training, and presentations. Adjunct Professor at New York University, Columbia University and Fordham University

Strong leader in both technical and business practices. Led many successful development and implementation projects. Familiar with traditional, object oriented, and agile development methodologies. Strong focus on technical and functional architecture. Excellent communication and presentation skills. Leader in customer service and end user training and best practices.

Software skills: Java, JavaScript, SQL, Python, PHP, HTML/CSS, Web Services, MongoDB, JSON, XML, Data Warehousing, Data Mining, some C/C++.

**EXPERIENCE**

**New York University – School of Professional Studies,** New York, NY 1998-present

• Assistant Professor – Graduate Programs. Responsible for developing and teaching various Systems and Management courses including Systems Analysis and Design, Data Warehousing and Data Mining, Database Technology, Web Development, and others. Additional responsibilities include supervising and guiding Graduate students through their thesis process, hypothesis testing, analytics and final submission. Other graduate, undergraduate and certificate courses developed and taught include Web development and architecture, Java, JavaScript, SQL, Python, PHP, HTML/CSS, AJAX Web Services, XML, and others

Recognized as one of the best instructors at the School of Professional Studies based on both student and peer evaluations. Guided and supervised the submission of a student thesis that won “Best Thesis Award” at NYU/SPS for Spring 2013. [workshop.sps.nyu.edu/~sultans/evaluation](http://workshop.sps.nyu.edu/~sultans/evaluation)

**Columbia University –** New York, NY 2016-present

• Lecturer – Data Analytics Certificate Program. Responsible for developing and teaching “Programming in Java”. Course provides a strong foundation in computer science, computer algorithms, object-oriented methodologies and programming using the Java language.

**Fordham University –** Bronx, NY 2020-present

• Adjunct Professor – Undergraduate Program. Responsible for teaching “Java Programming” and “Internet & Web Development” as level 3xx courses. Courses provide advanced concepts in computer science, in object-oriented theories and practice, and in internet and web application development using JavaScript, Java, PHP, Python, SQL and Web Services.

**Home Box Office** **(A division of Warner Bros. Discovery),** New York, NY 1983-2019

• Director Systems Analysis – Tech Program Mmgt. (2013 - 2019) – Lead technical/data architect for the design and development of the OPERA project. OPERA (Original Programming Expense, Revenue & Amortization) is a broad-based implementation of Hyperion across many Finance groups. Application will assist the Finance & Analysis group in the task of forecasting, budgeting and long-term planning for program slates, expenses, revenue predictions and amortization. The application is envisioned to eliminate hundreds of disparate, unsynchronized spreadsheets, reduce hundreds of hours of manual staff time, and reduce the forecasting/budgeting and LTP cycle time by nearly half. Conducted many in-house and corporate training sessions in data warehousing, multi-dimensional design, SQL, Python and MongoDB

• Director/Architect - IT – (2007 - 2012) – Lead technical architect for the design and development of the CRO Data Mart project. Data mart was first of its kind at HBO. Designed multiple Star Schemas to enable CRO (Cash & Revenue Operations) clients to obtain easy analytics and dashboards against subscriber and revenue data. Trained many IT staff on data modeling, data mart design and concepts, and Star and Snowflake schemas for proper BI/visualization, dash boards and analytics reporting.

Led effort on a broad Oracle ERP eBusiness Suite implementation (aka FINesse) across all financial groups and other operating areas. Effort involves 70+ onshore/offshore team members. ERP implementation consolidated seven disparate applications within HBO impacting over 500 clients. Role included designing and developing many custom modules including Sam’s Engine for original programming expense amortization, and proper alignment of expenses against programs avail dates. Led the BI team with responsibility for the delivery of over 250 operational and analytical reports.

• Director/Sr. Architect (2005 - 2007) – Led a full assessment of all procurement and financial applications being used at HBO (project FSA). Developed strategic roadmaps to migrate legacy applications into a single integrated application. Wrote and submitted RFPs to competing vendors. Assessed and evaluated software applications, interviewed, assessed and negotiated with vendors and system implementers. Developed budgets and management proposals.

• Senior Architect (2001 - 2005) – Responsible for the design and development of a 3-tier client/server accounts receivable application (CHARM) using the latest Java Swing framework and application server on an Oracle/Unix platform. Other responsibilities include the development of a B2B web site for the ordering of company merchandise. Site allows internal and external customers to browse through catalog, order and pay for merchandize using credit card or any number of other payment options. Other projects include the implementation and customization of a corporate legal application, for the purpose of tracking litigation matters, affiliate contracts and various provisions.

• Architect (1998 - 2000) – Responsible for the design and development of HBO’s subscriber billing application. This very complex client/server application utilized Forté object-oriented framework for application development, as well as Actuate reporting tool. Responsibilities include application and database design, data conversion, data reconciliation, and overall reporting.

In addition, taught and mentored internal staff in HTML and web development technologies.

• Hands-on Technical Director - UNIX support (1997 – 1998) - Responsible for all aspect of Unix administration and support, including physical and logical disk space management, establishing backup & recovery procedures, loading and configuring Unix server software, performance tuning, and userid & group management. In addition, was responsible for the implementation of Platinum Software (Autosys) product to automate the scheduling of Unix job submission across multiple Unix domains.

• Director of Financial Systems (1992 - 1997) - Responsible for all of HBO’s financial systems. Responsibilities includes hiring and promotion of staff, setting goals and objectives, performing staff reviews and appraisals, hiring and managing consultants, leading development efforts, conducting design meetings and demos to internal clients including high level executives.

Designed and developed a MAC based client/server management Business Analytics tool to enable both executives and financial analyst to effortlessly retrieve and download critical financial data using a simple “point & click” interface. Documented and trained over 300+ clients.

**Prior Experiences:**

**CBS Inc.,** New York, NY 1980-1982

**Doubleday & Co.,** Garden City, NY 1978-1980

**EDUCATION**

**New York University**, New York Multiple professional certificates in programming and IT management

**Pace University,** New York NY MBA in Information Technology GPA 3.6

**Brooklyn College,** Brooklyn NY BS in Accounting and Computer Science, GPA 3.7