
BILL QUALLS

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EDUCATION

MS: Predictive Analytics – DePaul University, Chicago, IL
MSEd: Instructional Technology – Northern Illinois University, DeKalb, IL
MS: Applied Mathematics – DePaul University, Chicago, IL
MBA: Information Systems – Keller Graduate School of Management, Oak Brook, IL
BA: Accounting – Whittier College, Whittier, CA

TECHNOLOGIES

SAS, R, Python, Java, Hadoop, HTML, COBOL, BAL, CICS, VSAM, SQL, JCL, Data Modeling, Full Life Cycle.

CURRENT EMPLOYMENT

Northwood University – Midland, MI
Assistant Professor and Department Chair, Statistics and Data Analytics (August 2022 – present)

- Teach undergraduate statistics and data science courses.

First Analytics – Raleigh, NC
Senior SAS Programmer (full time: December 2009 – August 2022) (part time: August 2022 – present)

- Write SAS, Python, and R programs to support clients' data-driven decision making initiatives.

OTHER RELEVANT PROFESSIONAL EXPERIENCE

DePaul University – Chicago, IL
Adjunct Faculty (September 2010 – June 2016)

- Teach undergraduate and graduate statistics and data analysis courses.

Utilities International – Chicago, IL
Senior Associate / Java Developer (January 2008 – June 2009)

- Developed Java applications for clients in the utility industry.

Caliber Data Training – Chicago, IL
Senior Instructor (Full time June 1997 – December 2007) (Part time December 2008 – December 2011)

- Taught 342 engagements of 60 different IT courses from 2000-2007 with consistently outstanding reviews.
- Developed 44 different IT courses from 2000-2007.
- Created custom e-Learning courseware using Captivate, JavaScript, and HTML.

Waubensee Community College – Sugar Grove, IL
Assistant Professor of Mathematics and Information Systems (January 1989 – January 1999)

- Taught mathematics courses including algebra, finite math, statistics, and calculus.
- Taught IT courses including Programming Logic, BASIC, C, Assembler, Spreadsheets, Databases, and Systems Analysis and Design.

PROFESSIONAL CREDENTIALS

Certified **SAS Advanced Programmer, Statistical Business Analyst, and Predictive Modeler**, SAS Institute
Certified **Project Management Professional (PMP)**, Project Management Institute (1999-2016)
Certified **Java Programmer**, Sun Microsystems
Certified **Developer for Apache Hadoop and Administrator for Apache Hadoop**, Cloudera
Certified **Tableau Desktop Specialist**, Tableau

PUBLICATIONS

Mainframe Assembler Programming, ISBN 0-471-24993-9, Wiley Computer Publishing (1998)