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# 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, Tableau, Java, SQL, NoSQL, Hadoop, HTML, COBOL, BAL, CICS, VSAM, JCL, Data Modeling.

## CURRENT EMPLOYMENT

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

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

## PUBLICATIONS

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