

**Summary:**

University of California, Berkeley - Big Data Certificate - Awarded Aug. 2015  
Johns Hopkins University - Data Science Certificate - Awarded May 2015  
Rensselaer Polytechnic Institute Ph.D. Engineering Science - Awarded Dec. 2005  
Rensselaer Polytechnic Institute - M.S. Information Technology – Awarded Dec. 2004  
Binghamton University - M.S. Accounting – Awarded May 1997  
University of Missouri - B.S. Finance – Awarded Dec. 1990  
University of Pennsylvania – Wharton School – Business Analytics – Expected 2016  
University of Washington – Machine Learning – Expected 2016  
University of Washington – Data Science at Scale – Expected 2017  
University of California – San Diego – Expected 2017

**+ 49 technical courses completed outside of academic degrees**

**Details:**

**Rensselaer Polytechnic Institute** Troy, NY United States

Doctorate 12/2005

**GPA:** 3.86 of a maximum 4.00

**Credits Earned:** 91 Semester hours

**Major:** Engineering Science **Minor:** Ethics

**Relevant Coursework, Licenses and Certifications:**

1. Performed literature reviews.
2. Collected and analyzed data using observation, surveys, video/audio recording, content analysis, verbal protocol analysis.
3. Built, verified and validated, and used computational model of ethics based upon earlier analysis and experimented using computational model.
4. Coursework included the following:
  - a. Calculus (Math Department, School of Science)
  - b. Advanced Behavioral Statistics (Psychology Department, School of Science)
  - c. Research Methods 2 (Decision Sciences and Engineering Systems Department, School of Engineering)
  - d. Discrete Structures (Computer Science Department, School of Science)
  - e. Data Structures and Algorithms (Computer Science Department, School of Science)
  - f. Database Systems (Computer Science Department, School of Science)
  - g. Decision Support and Expert Systems (Decision Science and Engineering Systems Department, School of Engineering)
  - h. Software Engineering (Electrical and Computer Systems Department, School of Engineering)
  - i. Cognition (Psychology Department, School of Science)
  - j. Cognitive Architecture Development (Psychology Department, School of Science)
  - k. Statistics and Operations Management (Management Department, School of Management)
  - l. Business Economics, (Management Department, School of Management)

**Rensselaer Polytechnic Institute** Troy, NY United States

Master's Degree 12/2004

**GPA:** 3.86 of a maximum 4.00

**Credits Earned:** 30

**Major:** Information Technology

**Relevant Coursework, Licenses and Certifications:**

1. Built ethical decision support information system.
2. Evaluated information system using experiment.
3. Results indicated preliminary support for the hypothesis that information technology can be used to aid individuals considering ethical dilemmas.

**Binghamton University** Binghamton, NY United States

Master's Degree 05/1997

**GPA:** 3.7 of a maximum 4.0

**Credits Earned:** 70 Semester hours

**Major:** Accounting

**Relevant Coursework, Licenses and Certifications:**

1. Coursework included:
  - a. Auditing 3
  - b. Auditing 2
  - c. Auditing 1
  - d. Legal Environment 2
  - e. Legal Environment 1
  - f. (Advanced) Financial Accounting Theory
  - g. Intermediate Accounting Theory
  - h. Financial Accounting
  - i. Managerial Accounting Theory
  - j. Cost Accounting
  - k. Statistical Analysis for Management
  - l. Managerial Finance
  - m. Financial Management
  - n. Business Economics
  - o. Total Quality Management
  - p. Federal Income Tax 1
  - q. Computer Tools
  - o. Management Information Systems
  - m. Project Management

**University of Missouri** Columbia, MO United States

Bachelor's Degree 12/1990

**GPA:** 3.2 of a maximum 4.0

**Credits Earned:** 120 Semester hours

**Major:** Finance and Banking

**Completed technical courses achieved outside of degree programs**

People Analytics (January 2016)  
Introduction to Big Data (December 2015)  
Operations Analytics (November 2015)  
Customer Analytics (November 2015)  
Machine Learning Foundations (November 2015)  
Scalable Machine Learning (August 2015)  
Data Science Capstone (August 2015)  
Introduction to Big Data with Apache Spark (July 2015)  
Cassandra Operations and Performance Tuning (July 2015)  
Cassandra Core Concepts (June 2015)  
MongoDB for Developers (May 2015)  
TryGit (May 2015)  
JavaScript Road Trip Part 2 (April 2015)  
Python Fundamentals (March 2015)  
JavaScript Road Trip Part 1 (February 2015)  
Front End Formations (January 2015)  
Front End Foundations (December 2014)  
Developing Data Products (December 2014)  
Statistical Inference (December 2014)  
Practical Machine Learning (November 2014)  
Reproducible Research (November 2014)  
Regression Models (November 2014)  
Exploratory Data Analysis (June 2014)  
Getting and Cleaning Data (June 2014)  
R Programming (June 2014)  
Data Scientist's Toolbox (June 2014)  
Using R for Data Mining (Summer 2012)  
Using R for Programming and Simulation (Summer 2012)  
Participant Centered Learning Seminar (April 2012)  
SAP ERPsim: Instructor Training Level 1 (August 2011)  
SAP ERPsim: Train the Trainer Training Level 2 (August 2011)  
Introduction to SAP Business ByDesign™ (2011)  
Using R for Generalized Linear Models and Generalized Additive Models (2011)  
Using R for PLS Path Modeling Using R (2011)  
Using R for Statistical Research Analyses II (2011)  
Using R for Statistical Research Analysis I (2011)  
Introduction to SAP ECC 6.0 ERP Using Global Bike Inc. (2010)  
Introduction to SAP ECC 6.0 ERP course (2010)  
NSF Sponsored Federal Agencies Prospective Funding Briefing (2009)  
Understanding Islamic Frameworks in a Global Context Symposium (2009)  
Invited Participant, NSF Sponsored Building an Educational Technology Research Agenda Early Career Symposium (2008)  
EPIC Cognitive Architecture Workshop (2008)  
CLARION Cognitive Architecture Workshop (2008)  
COGNET Cognitive Task Analysis and Modeling Workshop (2003)  
Computational Analysis of Social & Organizational Systems (CASOS) Summer Institute  
Carnegie Mellon University (2002)  
RePast (Java based Agents) Workshop, University of Chicago (2002)