

RUSSELL W. ROBBINS, PhD

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## EDUCATION

Big Data Certificate	University of California, Berkeley / edX	94.5/100	Aug 2015
Data Science Certificate	Johns Hopkins University / Coursera	96.5/100	Aug 2015
Python, JavaScript	Pluralsight, Code School	NA	2015
MongoDB, Apache Cassandra	MongoDB, DataStax	NA	2015
Ph.D. Computational Modeling	Rensselaer Polytechnic Institute	3.86/4.0	Dec 2005
M.S. I.T.	Rensselaer Polytechnic Institute	3.86/4.0	Dec 2004
M.S. Accounting	Binghamton University	3.7/4.0	May 1997
B.S.B.A. Finance	University of Missouri	3.2/4.0	Dec 1990

## EXPERIENCE

## Data Scientist

## Unpaid Apprenticeship

**Sep 2014 - present**

Identified firing patterns in neurons. Predicted click-through rates. Predicted words and phrases used by bloggers and tweeters. Quantified deaths, injuries, and property damages related to weather. Documented repeatable data processing pipelines. Transformed data, including reducing dimensions.

## Assistant Professor

**Susquehanna University**

**Sep 2013 – August 2014**

Built software model of English grammar and vocabulary. Designed software to generate English language utterances. Piloted software integrating software engineering and project management.

### Visiting Assistant Professor

## University of Pittsburgh

**Sep 2008 – August 2013**

Led employees, vendors, customers in emerging technologies assessment or adoption. Advised senior management. Taught software applications, project management and analytics.

## Assistant Professor

## Marist College

**July 2005 – August 2008**

Led teams that built software tools to leverage knowledge for senior managers at NXP Semiconductors, Philips Electronics, and managers at IBM. Taught software engineering.

## Clinical Assistant Professor

## Rensselaer Polytechnic Institute

**Jan 2001 – June 2005**

Led software projects for senior managers at GE Specialty Materials and executives at MapInfo.

## Systems Analyst

**Rensselaer Polytechnic Institute**

**Sep 1997 – Dec 2000**

Mapped and co-transferred 1.4 million records to Oracle. Prototyped value of data warehouse.

## Founder / Project Manager

## Achaean Technology

**Sep 1998 – Dec 2000**

Led team building ERP for pseudo-government agency. Advised senior management and executives.

## Accountant

# IBM Corporation

**May 1990 – May 1994**

Distributed \$3 billion annually. Developed, proposed to management, and implemented training.

## Active Duty Enlisted

**U.S. Army**

**Aug 1985 – Aug 1987**

Radio operator. Honorable discharge.

## REFERENCES

Available upon request.