



## Cory Salvesson

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### Profile

Social data scientist with a strong IT/systems background and experience in knowledge engineering, machine learning, and team leadership. Passionate about the future of education and knowledge online.

### Recent Work Experience

**Graduate Researcher: Oxford Internet Institute, University of Oxford** **Fall 2017-Present**

In a Google-funded study, analyze emerging practices and actor networks related to artificial intelligence and lifelong learning using network visualization, machine learning, and natural language processing on thousands of documents. Co-author supporting papers and other communications.

**Wikimedia Data Assistant: Bodleian Libraries, University of Oxford** **Spring 2017-Fall 2017**

Integrated academic datasets of thousands of rows into Wikidata. Developed open source Python software package for reconciling arbitrary datasets with Wikidata using Wikidata API.

**Learning Systems and Analytics Lead: RSM US** **Spring 2013-Fall 2016**

Provided technical and team leadership for learning technology ecosystem serving 15,000 international users. Transitioned hosted legacy system to SaaS offering, and designed and built dashboarding, auditing, process automation, data integration, and data entry systems using Python; Pentaho Data Integration; and Microsoft SQL Server, Access, and SharePoint. Prototyped predictive analytics using R. Managed and improved help desk.

**Knowledge and Information Analyst: Spok Software** **Fall 2011-Spring 2013**

Using Agile methodology, designed and built corporate intranet, taxonomy, technical documentation library, knowledge base, and product information database using Microsoft SharePoint. Developed custom sales tool used by global sales team using Microsoft Excel VBA.

*Additional prior experience in systems analysis, technical support, and software testing in corporate, government, medical, and consumer contexts.*

### Technical Skills

**Statistics/Data Science Methods:** multiple linear regression, hypothesis testing, natural language processing (topic modeling, sentiment analysis, classification)

**Software and Programming Languages:** Python (pandas, scikit-learn, NLTK, matplotlib/Seaborn), Gephi, R, SQL, SPARQL, Linux/BASH, Microsoft SQL Server, Oracle Database, OrientDB, Pentaho Data Integration, SCORM/AICC/xAPI, PeopleSoft

**Selected Coursework:** Advanced Statistics for Internet Research, Foundations of Data Science, Co-Active Coaching Fundamentals, Digital Technology and Economic Organization, Simulating Society

### Education

**Oxford Internet Institute, University of Oxford** **Fall 2016-Fall 2017**

Master of Science with Distinction, Social Science of the Internet

**University of Minnesota, Twin Cities** **Fall 2009-Spring 2014**

Bachelor of Science, Multidisciplinary Studies: Information and Communication Technology Studies

### Additional Information

**Hobbies & Interests:** artificial intelligence, video editing, storygaming, speculative fiction, walking