

# Ali Simaei (PhD.)

Teaching Assistant Professor  
Accounting and Management Information Systems  
Alfred Lerner College of Business & Economics  
University of Delaware  
Email: [asimae@udel.edu](mailto:asimae@udel.edu)

## EDUCATION

---

**Louisiana State University, Baton Rouge, Louisiana** 2017 – 2022

*PhD, Management Information Systems (MIS)*  
*Stephenson Department of Entrepreneurship and Information Systems*

**Khaje Nasir Toosi University of Technology, Tehran, Iran** 2014 - 2016

*M. S., Information Technology Engineering*  
*Concentration: Electronic Commerce*

**Urmia University of Technology, Urmia, Iran** 2008 - 2013

*B. S., Information Technology Engineering*  
*Department of Information Technology Engineering*

## ACADEMIC EMPLOYMENT

---

**Teaching Assistant Professor** Sep 2022-

*Accounting and Management Information Systems*  
*University of Delaware*

**Instructor of Business Statistics** Jan 2020 – May 2020

*Stephenson Department of Entrepreneurship and Information Systems*  
*Louisiana State University*

## TEACHING EXPERIENCE

---

**Systems Analysis and Implementation 430** Fall 2022

**Introduction to Business Statistics 2000** Spring 2020

Developed course materials and syllabus; taught 10 chapters of the book; held office hours (2 hours a week); in class course before the COVID pandemic and online after the COVID pandemic began; assigned weekly assignments through McGraw-Hill Connect; held three midterms and one final exam; graded the exams and assignments.

- *Section 1 (60 students): overall teaching score (3.2/4)*
- *Section 2 (55 students): overall teaching score (3.1/4)*

## RESEARCH

---

Ali Simaei, Rudy Hirschheim, and Helmut Schneider. (2022). Idea Quality and Number of Submitted Ideas: An Empirical Study on Lego Ideas, *PACIS*. <https://aisel.aisnet.org/pacis2022/85>

## Working Paper

---

Performance in Crowdsourcing Contests: An Organizational Learning Perspective

Authors: **Ali Simaei**, and Rudy Hirschheim

*Data collected from Kaggle; Targeted for an IS journal (Last updates to be submitted).*

*Research method: combination of econometric (Panel Data Analysis) and machine learning (NLP) methods*

### RESEARCH INTERESTS

---

Crowdsourcing Platforms; Users' Behavior in Online Communities;  
Organizational Learning Theory; Gamification; User Content Generation;  
Idea Crowdsourcing; Idea Contests; Creativity.

### TEACHING INTERESTS

---

#### Teaching Interests

Introduction to Business Statistics; Business Data Analytics with Python; Data Scraping, Manipulation, Visualization, and Analysis with Python; Database Design and Management (MySQL, R); Introduction to Management Information Systems; Electronic Commerce; Programming (Python); Introduction to Applied Machine Learning for Data Science with Python; Business Intelligence; Advanced Business Statistics; Applied Data and Text Mining (NLP) in Python; Programming for Statistics (R);

### APPLICATIONS AND SKILLS

---

- Programming in Python
- R for Statistics
- Data Analytics
- Data Scraping, Manipulation, Visualization, Analysis with Python
- Data Mining, Text Mining, Topic-Modeling in Python
- Natural Language Processing (NLP)
- AMOS (SEM)
- Google Analytics
- Data Science (ML with python)
- Object Oriented Programming with C#
- Time Series Analytics
- Power BI
- Predictive Analytics
- MySQL and Database Management
- JMP

### RESEARCH METHODS

---

Econometric Methods; Structural Equation Modeling; Statistical Modeling

### COURSE WORK

---

**PhD. Coursework:** Statistics 7005, Statistics 7015, Database Management, Data Mining, Categorical Data Analysis, Structure Equation Modeling, Healthcare Informatics, Philosophy of Science, Seminar in Design Science, Critical Analysis, Research Methods, Supply Chain Management

**M. S. Coursework:** Digital Marketing, Information Technology, Supply Chain Management, Business Process Reengineering, Data Mining, Seminar and Dissertation

**B. S. Related Coursework:** Information Technology, E-Commerce, Management, Database Design and Management, Operations Management, Strategy of Information Technology, Mathematics 1 and 2, Networks 1 and 2, Advance Programming (C#), Introduction to Programming (C), Algorithms Design, Operation Systems, Electronic PaymentS, Organizational Behavior, Software Design 1 and 2, Data Structure.

## **VOLUNTEER WORK**

---

### **Director, The IT Students' Association Group**

2010 - 2011

A selected group of students who would be selected by students within the same major to manage and hold different types of academic events for the students.

- Developed events and programs for students such as ACM workshop, Linux workshop
- Organized the events held by the group and communicating with different organizations in the university to setup the event

## **HONORS**

---

Ranked 155 in the national entrance exam for master's degree in Information Technology among more than 10000 participants.

## **AFFILIATIONS**

---

Association for Information Systems (AIS)