Trevor A. Presgrave
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Education

Ph.D. University of Cincinnati, Cincinnati, OH   2015
      Major: Information Systems
         Advisor: Dr. Vivek Choudhury
         Dissertation Title: *"Collaborative Search*
         Engines: Toward a Meta-Design
         for Improving the User Experience"
      Support Area(s): Computer Science, Quantitative Analysis

Graduate Certificate. University of Cincinnati, Cincinnati, OH   2017 (Expected)
      Major: Online and Blended Learning

M.S. University of Kentucky, Lexington, KY   2008
      Major: Computer Science

M.S.M. Case Western Reserve University, Cleveland, OH   2005
      Major: Operations Research
      Minor(s): Operations Management

B.S. Ohio Northern University with High Distinction, Ada, OH   2003
      Major: Computer Science
      Minor(s): Applied Mathematics, Business Administration

Teaching Interests

      -Computer Programming
      -Data Structures and Algorithms
      -Databases
      -Computer Hardware and Networking
      -Computer Security
      -System Analysis and Software Engineering
      -Operations Research

Teaching Experience

Hybrid Courses Taught

Assistant Professor of MPCS: University of Cincinnati Blue Ash 2013 to Present	# of Sections
IT2040C Fundamentals of Web Development (Undergraduate)	1

Face to Face Courses Taught

Assistant Professor of MPCS: University of Cincinnati Blue Ash 2013 to Present	# of Sections
IT1050 Fundamentals of IT (Undergraduate)	15
IT2040C Fundamentals of Web Development (Undergraduate)	7
IT3047C Web Server Application Development (Undergraduate)	1
Math 1012 Mathematics in Management Science (Undergraduate)	3
MATH1014 Mathematics of Social Choice (Undergraduate)	2
MATH1008 Fundamentals of QR (Undergraduate)	4
STAT1031 Introduction to Statistics (Undergraduate)	4
MATH0029 Math Literacy (Undergraduate)	1

Graduate Teaching Assistant: University of Cincinnati (Main)– 2008 to 2013	# of Sections
Advanced Application Development (Undergraduate)	4
Advanced System Design (Undergraduate)	1
Java in the Enterprise (Graduate)	3
Advanced Java (Graduate)	1

The Art Institute of Cincinnati – 2011 to 2013	# of Sections
Remedial Algebra (Undergraduate)	2
College Algebra (Undergraduate)	1

Ohio University Zanesville – 2007 to 2008	# of Sections
Remedial Algebra (Undergraduate)	3
College Algebra (Undergraduate)	2

University of Kentucky – 2005 to 2007	# of Sections
Introduction to Computer Programming (Undergraduate)	3

Courses as Teaching Assistant

University of Cincinnati – 2008 to Present	# of Sections
Data Modeling and Database Design (Graduate)	3
Computer Problem Solving for Business (Undergraduate)	7

University of Kentucky – 2005 to 2007	# of Sections
Introduction to Computer Programming (Undergraduate)	2

Case Western Reserve University – 2003 to 2005	# of Sections
Computer Programming (Graduate)	2
Integrated Problem Solving in OR and OM (Graduate)	1
Data Structures (Graduate)	1

Industry Experience

Internship, CorrectCare,
Lexington, KY, Summer 2007
Developing Hepatitis C management software version 2 in Ruby on Rails, modifying Ruby on Rails claims management system, developing Ruby on Rails payroll system version 2.

Internship, CorrectCare,
Lexington, KY, Summer 2006,
Maintaining Hepatitis C management software in Ruby on Rails, modifying java program to import data into Oracle, developing Ruby on Rails payroll system.

Internship, CampusEAI,
Cleveland, OH, Summer 2004
Conducting technical research for developers, configuring computer systems, scheduling meetings, coordinating conferences, and mediating teleconferences.

Research

Research Interests

-Collaborative Search Engines
-Databases
-Recommender Systems
-Human factors in Information Security

Working Papers

 "*Collaborative Search Engines*" with Dr. Vivek Choudhury

In this paper, we hypothesize a set of features that would improve user satisfaction with the collaborative search experience. These hypotheses are then tested empirically, putting a standard search against one with features specifically designed to support collaboration. Preparing for *Information Systems Research*.

"*R-Face: A web-based GUI for generating R commands.*"

R is a free, industrial grade piece of statistics software that is readily available to students. However, for many students the command line interface can prove daunting. I am developing and testing a web-based tool to make R easier for students in introductory statistics classes to use. Preparing for *Technology Innovations in Statistics Education.*

Service

Departmental Service:

-Departmental Reappointment Promotion and Tenure Committee (2013-2016)
-Developmental Math Faculty Search Committee (2014-2015)
-Information Technology Assessment Subcommittee (2014-Present)
-Distance Learning Subcommittee (2014-Present)

College Service:

-Strategic Planning Committee (2014-2017)
-Decanal Laptop Committee (2015)
-Scholarship and Honors Committee (2016-Present)

University Service:

- IT representative to the Cross College Curriculum Committee (2014-Present)

Professional Service:

-Reviewer for Academy of Management Conference, Organizational Communication and Information Systems track: 2010, 2011, 2016.

Professional Development

Conference Presentations

- (Accepted) "R-Face, A New Tool for Teaching Statistics" 3T: Teaching, Techniques and Technology. UC Clermont. 2017

Learning Communities and Institutes

-Participated in Peer Review of Scholarly Teaching Learning Community, Fall 2013

-Exemplary completion of Distance Learning Design Seminar, Spring 2014

-Participated in Classroom Research Faculty Learning Community, 2015-2016

-Active Learning Classroom Design Weeklong Institute, 2015

Conferences Attended

- 3T: Teaching, Techniques and Technology. UC Clermont. 2014

- 3T: Teaching, Techniques and Technology. UC Clermont. 2015

- Learning & Teaching at UC Conference. UC Clifton. 2016

Awards and Honors

-2013 Lindner College of Business Outstanding Graduate Student Teaching Award, University of Cincinnati

-Nominated: 2012 Excellence in Teaching Award for Graduate Assistants, University of Cincinnati

-Nominated: 2012 Daniel J. Westerbeck Junior Faculty Graduate Teaching Award, University of Cincinnati

-Dean's List for Teaching Excellence, University of Cincinnati (four times)

-Outstanding Student Reviewer for (OCIS) Conference. 2011

Technical Skills

Software Suites

Microsoft Office, Windows, Oracle, Postgres, SPSS, R, SAS, Eclipse, Visual Studios .NET

Programming Languages

Java, C, C++, C#, Python, JavaScript, Ruby, Matlab, Prolog, SQL, COBOL, MIPS, Pascal, SAS, VBA, JSP

Professional Memberships

Association for Computing Machinery

Association for Information Systems