

# Donal Heidenblad

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## Education

M.S. Information Science, University of Maryland Baltimore County, 2009.

B.A. Philosophy, Ripon College, 2003.

## Employment

### *Academic Appointments*

**Lecturer**, College of Information Studies, University of Maryland, Aug. 2018 – present.

### *Other Employment*

**Graduate Teaching Assistant**, College of Information Studies, University of Maryland. 2017 – 2018.

**Graduate Research Assistant**, College of Information Studies, University of Maryland. 2014 – 2018.

Designed, tested, and evaluated a simulation-based active learning module aimed at increasing the ethical awareness of students and professionals in computer-related fields. NSF-funded project: "Designing Privacy by Design Simulations", Shilton, Winters, & Porter.

**Web Services Manager**, Adele H. Stamp Student Union, University of Maryland. 2010 – 2014.

Performed analyses and generated reports for the assessment of critical programs.

Mentored student employees developing applications for internal clients.

Maintained MySQL and Microsoft SQL Server databases.

**Web Application Developer**, No.Inc, 2008 – 2010.

Developed interactive web applications for a variety of high-profile clients.

**Training Engineer & Project Manager**, International Logistics Systems Inc., 2004-2007.

Managed a cross-functional team producing training materials.

## Teaching

### *Fall 2020*

**Technologies, Infrastructure and Architecture (INST346)** - online; 178 students.

**Information Architecture (INFM700)** - online; 3 students.

### *Spring 2020*

**Technologies, Infrastructure and Architecture (INST346)** - 2 sections; 95 students.

**Information Architecture (INFM700)** - 18 students.

### *Fall 2019*

**Technologies, Infrastructure and Architecture (INST346)** - 3 sections; 154 students.

**Data Sources & Manipulation (INST447)** - online; 47 students.

### *Spring 2019*

**Dynamic Web Applications (INST337)** - 2 sections; 103 students.

**Data Sources & Manipulation (INST447)** - online; 111 students.

### *Fall 2018*

**Introduction to Programming for Information Professionals (INST126)** - 48 students.

**Dynamic Web Applications (INST377)** - 2 sections; 100 students.

**Data Sources & Manipulation (INST447)** - 37 students.

### *Spring 2018*

**Data Sources & Manipulation (INST447)** - 2 sections; 70 students.

### *Fall 2017*

**Database Design & Modeling (INST327)** - 51 students.

### *Fall 2014*

**Information Ethics (INST610)** - Co-instructor; 14 students.

### *Curriculum and Course Materials Development*

**Introduction to Programming for Information Professionals (INST126)** - Summer 2017. Participated in the redesign of materials for active learning approach. Developed exercises and materials.

## Publications

### Refereed Journal Articles

Shilton, Katie, **Donal Heidenblad**, Adam Porter, Susan Winter, and Mary Kendig (Dec. 1, 2020). "Role-Playing Computer Ethics: Designing and Evaluating the Privacy by Design (PbD) Simulation". In: *Science and Engineering Ethics* 26.6, pp. 2911–2926. ISSN: 1471-5546. DOI: 10.1007/s11948-020-00250-0. URL: <https://doi.org/10.1007/s11948-020-00250-0>.

### Refereed Presentations

Weaver, Kathy and **Donal Heidenblad** (Dec. 4, 2020). "Online Student Teams: They can be successful!" In: *ITLC Lilly Conference: Enhancing Online, Onsite, and Hybrid Teaching and Learning*. ITLC Lilly Conference. Durham, NC: ITLC Lilly Conferences. URL: <https://www.itlclillyonline.com/conference-program-book>.

## Service

**Co-Chair, Awards Committee**, College of Information Studies, Fall 2019 – Spring 2020.

**Member, MIM Program Committee**, College of Information Studies, Fall 2019 – Spring 2020.

## Student Mentoring

**Mentor**, Transfer2Terp Learning Community, Spring 2019.

**Mentor**, UMD Data Challenge, 2018 & 2019.

**Faculty Advisor**, Data and Cloud Computing Society (Student Organization), 2018 - current.

**Faculty Advisor**, CompuTerps (Student Organization), 2019 - current.

## Honors & Awards

**Most Valuable Professor**, UMD Women's Soccer Team, 2018.

## Professional Development

**Online Course Design Faculty Learning Community**, Teaching and Learning Transformation Center, University of Maryland, Spring 2019.

**ADVANCING Professional Track Faculty Peer Network Cohort 2019-2020**, ADVANCE Program for Inclusive Excellence, University of Maryland.

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