

Education

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| MS Computer Systems Technology | Louisiana State University-Shreveport | 2011 |
| PhD English Literature | University of Wisconsin-Madison Minor in Classics | 2009 |
| MA Humanities | University of Chicago | 1999 |
| BA Literature | Claremont McKenna College <i>Summa cum laude</i> , Best Thesis in Literature | 1998 |

Teaching

Lecturer, *University of Central Arkansas, Conway*, 2023-present
Teach courses in the Computer Science Department
Computer Science I
Object-Oriented Programming with Java

Instructor, *Louisiana State University, Shreveport* 2007-2017
(**Adjunct**, 2007-2011, **Full-time**, 2012-2017)
Taught courses in the English and Computer Science Departments:

Computer Science

Computer Literacy (online)
Introduction to Programming (Python)
Introduction to Object-Oriented Programming I (Java)
Introduction to Object-Oriented Programming II (Java)
Object-Oriented Design (Java)
Algorithms (online)
Interactive Storytelling in Digital Worlds

Literature

Sixteenth-Century English Literature
Non-Shakespearean Renaissance Drama
Sixteenth-Century Love Poetry
Survey of British Literature
Survey of American Literature (online and face-to-face)
Introduction to Fiction
Nineteenth-Century American Novel
Guts and Glory: The Rhetoric of Violence

Composition

English Composition

English Composition: Writing about Literature

Technical Writing

Instructor, University of Phoenix, Shreveport-Bossier Campus 2010-2011
Facilitated courses in English and Communication:
Business Literature
Elements of University Composition and Communication
Essentials of College Writing

Instructor, Visiting Beloit College, WI 2006-2007
Taught courses in the English Department
Milton
British Literary Traditions: Imitation, Innovation, Revolution
Introduction to Literary Studies
The Big Bang: The Explosion of Western Literature

Teaching Assistant, University of Wisconsin-Madison 2001-2005
Taught discussion sections in the English Department
Shakespeare (introductory and for majors)
English Literature before 1800 (for majors)
English Literature from 1800 to the Present (for majors)
Designed and taught courses on **Composition** (for freshmen)
Personal Tutor in the **Writing Center** (freshmen through graduate students)

Writing Tutor, Claremont McKenna College, CA 1996-1998
Personal Tutor in the **Writing Center** (undergraduates only)

Research

- MS Thesis **“Investigation of Internal Validity Measures for Partitional (k-means) Clustering”**
Supervisor: Emre Celebi
Published in *Proceedings of the International Multi-Conference of Engineers and Computer Scientists 2012*, Vol 1.
- Dissertation: **“Epic Wonder: Poetics, Science, and Religion in *Paradise Lost*”**
Director: David Loewenstein
Readers: Heather Dubrow, Carole Newlands, Michael Witmore, Karen Britland

MA Thesis: **“The Legitimacy of Knowledge and Astronomy in *Paradise Lost*”**
 Director: Michael Murrin

Fellowship: Madeleine Doran Dissertation Fellow at the University of
 2006-2007 Wisconsin-Madison Institute for Research in the Humanities

Languages Reading knowledge of German, Latin and some Greek
Technologies Java, Kotlin, Rust, C#, Javascript (Mithril, Node, React),
 MongoDB, Puppet, Postgresql, JSON, Git, Red Hat (AWS),
 MySQL, SQLServer, Oracle, HTML, CSS, XML

Service

Department Service

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| Supervised and served on MA Theses committees | 2014-2017 |
| Writing and Instruction Committee , member | 2012-2017 |
| English Department Committee | |
| Presenter, “Flipping the Classroom” | 2017 |
| Faculty and Staff Professional Development Day | |
| Judge , Holocaust Essay Competition | 2016-2017 |
| Presenter, “Righting Your Writing” | 2015-2016 |
| Writing workshop for PhD students in Education | |
| Wrote successful Tech Fee Grant Proposals | 2015-2016 |
| Programming Instruction Committee , member | 2012-2016 |
| Computer Science Department Committee | |
| Supervised MS Graduate Project | 2014-2015 |
| Observed and reported on Adjunct Teaching | 2015 |
| Crafted standards for dual-enrollment high school partners | 2013 |
| Designed department course outcomes for Composition | 2012 |
| Developed Survey of British Literature for online delivery | 2011 |
| Edited successful NSF grant proposal | 2010 |

Student Activities

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| Advisor for <i>Spectra Literary Magazine</i> | 2012-2017 |
| Advisor for Game Development Club | 2015-2017 |
| Named best new campus organization in 2016 | |
| Faculty Participant for Write-on, creative writing club | 2011-2013 |
| Faculty Participant for English Club | 2007-2016 |

Community Service

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| Volunteer Instructor , Girls Who Code | 2017 |
| Mentor for High School Senior projects | 2014-2016 |
| Delivered lectures to local High School English classes | 2012-2018 |

Topics: Tolstoy, Milton, Donne, Coleridge, Hamlet,
Beowulf, Orwell, *Ready Player One*
Research and Citation, Paragraph Construction,
Thesis Development

Committees

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| Graduate Council , member Campus-wide committee | 2012-2017 |
| Curriculum Committee , member Faculty Senate committee (elected chair in spring 2017, declined) | 2016-2017 |
| Committee on Graduate Grade Appeal Policy , chair Dean's committee | 2015-2016 |

Interim Chair of Computer Science 2015-2016

Negotiated curriculum with industry partners
Created major concentration in *Digital and Interactive Design*
Managed department budget and oversaw upgrades
Solicited and hired adjuncts for courses
Attended recruitment events at local businesses
Solicited student scholarships from industry partners
Created Teaching Add-on Certificate in *Computer Science*

Accreditation

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| ABET , reaccreditation visit Prepared reports for accreditation visitation team Hosted visitation team | 2015-2016 |
| SACS-COC , reaffirmation of accreditation Prepared reaccreditation reports on curriculum Academic Affairs Committee member for re-accreditation Chief writer for Quality Enhancement Plan Chief presenter for Quality Enhancement Plan | 2013-2015 |

Professional Experience

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| Development Team Manager , Praeses, LLC Manage developer training and evaluation systems Manage SBIR and STTR grant-writing process Manage developer hiring and onboarding processes Plan personnel allocations with project managers Coordinate engineering team communication | 2021-2023 |
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| Software Developer , Praeses, LLC Designed and Implemented enterprise-scale web-service app for DoD contract using Kotlin, Rust, and Mithril.js | 2019-2021 |
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Managed and **automated** database seeding and migrations using MongoDB
Implemented Smartcard interface for adding and managing security certificates

Associate Software Developer, GDIT 2018-2019

Designed and **Implemented** enterprise-scale micro-services on DoD contract using Java and Spring
Participated in scrum, sprint, and code review meetings
Automated installation of Elastic-stack modules using Puppet and Red Hat Linux on AWS servers

Project Assistant, Computer Science, LSUS 2010-2011

Researched Cluster Validity Indices
Implemented a test of validity indices on a “k-means” clustering algorithm
Assisted with instruction of classes in Computer Science

Project Assistant, University of Wisconsin-Madison 2005-2006

Researched early-modern heresy 2002-2003

Copy-edited 1050-page manuscript:
Cambridge History of Early-Modern English Literature

Prepared text for edition of Milton's prose works

Fellow, Marion Miner Cook Athenaeum, Claremont, CA 1997-1998

Hosted and **introduced speakers** at campus events four evenings per week
Speakers ranged from politicians to Nobel Prize winning academics and writers

Papers

“Plagiarism in the Age of Information” 2016
College of Arts and Sciences Symposium, Shreveport, LA

“Using Video Games to Teach Literature” 2014
Louisiana Council of Teachers of English Fall Conference, Bossier City, LA

“Are Video Games Literature?” 2014
College of Arts and Sciences Symposium

“The Marvelous and the Sublime: Aesthetic Response to Genre in *The Faerie Queene*” 2014
South Central Renaissance Conference, Tucson, AZ

- “The Grass near Gitchee Gumme: Defining America through Other and Self”** 2013
Arkansas Philological Association, Little Rock, AR
- “The Topography of Allegory in Spenser’s *Faerie Queene* and Milton’s *Paradise Lost*”** 2013
American Comparative Literature Association Annual Meeting, University of Toronto, Canada
- “Investigation of Internal Validity Measures in K-means Clustering”** 2012
IAENG International Conference on Data Mining and Applications, Hong Kong, China; Co-author: Emre Celebi
- “Using Facebook to Teach Literary Character”** 2011
Louisiana Council of Teachers of English Fall Conference, Shreveport, LA
- “Inciting Enthusiasm: Teaching Shakespeare with Text and Film”** 2010
Louisiana Council of Teachers of English Fall Conference, New Orleans, LA
- “Necessary Evil: Horror and Narrative in Milton’s Wonderful Depiction of Hell”** 2009
Middle Tennessee State University Conference on John Milton, Murfreesboro, TN
- “Humanizing Satan: Representations of Milton’s Fiend from 1688-1882”** 2009
College of Liberal Arts and Sciences Symposium, Shreveport, LA
- “Necessary Evil: Horror and Narrative in Milton’s Wonderful Depiction of Hell”** 2008
Arkansas Philological Association, Fort Smith, AK
- “Replanting the Garden: Milton’s Paradise and the Gardens of Renaissance Romance”** 2007
Northern Plains Conference on Earlier Modern Literature, Morehead, MN
- “Rationalizing Satan: Representing Milton’s Fiend in the Enlightenment and Beyond”** 2007
Institute for Research in the Humanities, University of Wisconsin-Madison
- “Monstrous Analogy in *Paradise Lost*”** 2006
American Comparative Literature Association Annual Meeting, Princeton, NJ
- “Leviathan and Monstrous Analogy in *Paradise Lost*”** 2005

Middle Tennessee State University Conference on John Milton,
Murfreesboro, TN

“Before the Beginning: Lucretian Principles in Milton’s Chaos” 2005
University of Otago Postgrad Open Day, Dunedin, New Zealand

**“‘Reasoning I oft Admire’: The Aesthetic Impact of Science
in *Paradise Lost*”** 2005
Eighth International Milton Symposium, Grenoble, France

**“The Fruits of War and the Spoils of Peace: Delightful Duty
in the Garden of Adonis”** 2005
Fifth Biennial Conference of the Australia and New Zealand Association for
Medieval and Early Modern Studies, Auckland, New Zealand

“Forced Reasons: The Educated Knight in Sidney’s *Arcadia*” 2004
University of Wisconsin-Madison Renaissance Colloquium

“Lucretian Materialism in *Paradise Lost*” 2003
Middle Tennessee State University Conference on John Milton,
Murfreesboro, TN