

Curriculum Vita

DR. ROBERT ADAMS, PhD

PROFESSOR
ASSOCIATE DEAN FOR GRADUATE EDUCATION
COLLEGE OF COMPUTING
GRAND VALLEY STATE UNIVERSITY

1 Campus Drive
Allendale, MI 49401
adamsr@gvsu.edu
+1 616.331.3885

EDUCATION

- 1999 Doctor of Philosophy (PhD), University of Kentucky.
Major: Computer Science
Dissertation Title: *A Semantic-Object Model for Identifying and Managing Information Conveyed by Multimedia Data*
- 1993 Master of Science (MS), University of Kentucky. Major: Computer Science
- 1991 Bachelor of Science (BS), Northern Kentucky University. Major: Computer Science

PROFESSIONAL POSITIONS

- 2018-Present Professor, Grand Valley State University
- 2004-2018 Associate Professor, Grand Valley State University
- 1998-2004 Assistant Professor, Grand Valley State University
- 1997-1998 Research Assistant, University of Kentucky
- 1994-1997 Systems Administrator, University of Kentucky
- 1993-1994 Teaching Assistant, University of Kentucky
- 1989-1991 Programmer, IT International, Cincinnati, OH

AWARDS AND HONORS

- 2020 [Glenn A. Niemeyer Award](#), Grand Valley State University
- 2018 [Fulbright Scholar to FH Joanneum](#) in Graz, Austria
- 2016 Meritorious Paper Award, Association of Information Technology Professionals Education Special Interest Group for the paper "The Personality of a Computing Major: It Makes a Difference."
- 2013 Outstanding University Service Award, Grand Valley State University
- 2003 ACE/AT&T Award for Technology as a Tool for Internationalization
- 1994 Departmental Fellowship, University of Kentucky
- 1991 ACM Outstanding Student, Northern Kentucky University

PROFESSIONAL MEMBERSHIP

Association for Computing Machinery

TEACHING EXPERIENCE

- CIS 162 Computer Science I
- CIS 163 Computer Science II
- CIS 263 Data Structures
- CIS 343 Structure of Programming Languages
- CIS 361 System Programming
- CIS 437 Distributed Computing
- CIS 461 Compiler Design and Construction
- CIS 467 Computer Science Project

- CIS 499 Independent Study and Research
 - CIS 501 Fundamentals of Modern Computer Systems
 - CIS 511 Networking Fundamentals
 - CIS 512 Database Fundamentals
 - CIS 658 Web Architectures
 - CIS 672 Computer Systems Architecture
 - CIS 675 Compiler Construction
 - CIS 692 Master's Capstone
 - CIS 699 Directed Readings in Computer Science
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PEER REVIEWED PUBLICATIONS

- Ndiaye, M. and Adams, R. "Modeling Major Gift Potential from Donor Histories". In process. Expected submission 1Q 2026.
- Adams, R., [NextTune: A computational approach to ordering tunes based on difficulty](#). Michigan Academician, 2021.
- Reynolds, J., Adams, R., Ferguson, R., Leidig, P. (2017) [Programming in the IS Curriculum: Are Requirements Changing for the Right Reason?](#) 2016 Proceedings of the EDSIG Conference. Las Vegas, NV.
- Reynolds, J., Adams, R., Ferguson, R., Leidig, P. (2017) [The Personality of a Computing Major: It Makes a Difference](#). Information Systems Education Journal.
- Adams, R., and Kleiner, C. (2016). [Collaboration Support in an International Computer Science Capstone Course](#). 8th International Conference, SCSM 2016, Held as Part of HCI International 2016, Toronto, ON, Canada, July 17–22, 2016. Proceedings. Social Computing and Social Media Lecture Notes in Computer Science, 313–323. doi:10.1007/978-3-319-39910-2_29
- Pikes, T. and Adams, R. (2016) [Computational Nutrition: An Algorithm to Generate a Diet Plan to Meet Specific Nutritional Requirements](#). E-Health Telecommunication Systems and Networks, 5, 31–38. doi: 10.4236/etsn.2016.52004.
- Paladin, F. and Adams, D. (2016) [Zion File System Simulator](#). Journal of Computer and Communications, 4, 10–19. doi: 10.4236/jcc.2016.44002.
- Venlet, E. and Adams, D. (2015) [YeaNay: An Open Source Tool to Rate the Votes of Members of the United States House of Representatives and Senate](#). Open Journal of Political Science, 5, 277–283. doi: 10.4236/ojps.2015.54029.
- Browning, J. and Adams, D. R.. [Doorstop: Text-based Requirements Management using Version Control](#). Journal of Software Engineering and Applications (2014) 7(3), 187–194.
- Adams, Robert, and Carsten Kleiner. "[Design and Implementation of an International Computer Science Capstone Course](#)." Proceedings of the Consortium of Computing Sciences in Colleges Conference (2013).
- Adams, Robert, and Russ Shearer. "[ADLib: an Arduino Communication Framework for Ambient Displays](#)." Journal of Computing Sciences in Colleges 27.1 (2011): 16–23.
- Adams, Robert, and Jamal Alsabbagh. "[CS capstone: Lessons from the field](#)." Proceedings of the Capstone Design Conference 2010.
- Adams, D. Robert. "[Integration early: a new approach to teaching web application development](#)." Journal of Computing Sciences in Colleges 23.1 (2007): 97–104.
- Adams, D. Robert, and John H. Reynolds. "[Management of Web Application Development: A Case-Study in the Tenets of Web 2.0](#)." Management 12 (2006): 31–2006.
- Adams, D. Robert. "[Teaching web application development using Zope](#)." Journal of Computing Sciences in Colleges 20.1 (2004): 63–70.
- Adams, D. Robert, and Christian Trefftz. "[Using XML in a compiler course](#)." ACM SIGCSE Bulletin 36.3 (2004): 4–6.
- Adams, Robert, and Arnold Pears. (2002). Team Teaching an Internationally Distributed Project Course. Proceedings of the NetLearning Conference.

- Adams, D. Robert, and Carl Erickson. "[Teaching networking and operating systems to information systems majors](#)." ACM SIGCSE Bulletin 33.1 (2001): 85-89.
- Adams, D. Robert, and Carl Erickson. "[The Role of Operating Systems and Network Administration in the IS Curriculum](#)." Proceedings of the Information Systems Education Conference (ISECON). 2000.
- Griffioen, James, Raj Yavatkar, and Robert Adams. "[Automatic and dynamic identification of metadata in multimedia](#)." First IEEE Metadata Conference April. 1996.
- Griffioen, James, Raj Yavatkar, and Robert Adams. "[An object-oriented model for the semantic interpretation of multimedia data](#)." International Multimedia Conference: Proceedings of the third ACM international conference on Multimedia. Vol. 5. No. 09. 1995.
- Griffioen, James, et al. "[MOODS: A multimedia information modeling system](#)." In Workshop on Database Systems, ACM Multimedia. 1994.

BOOK CHAPTERS

- Griffioen, James, Raj Yavatkar, and Robert Adams. "[A Framework for Developing Content-Based Retrieval Systems](#)." Intelligent Multimedia Information Retrieval. Ed. Mark T. Maybury. Menlo Park, CA: AAAI, 1997.

OTHER PUBLICATIONS

- Adams, Robert, and Dan Williams. "[Visiting the DOM](#)." JAVA Developer's Journal. Sys-Con Media, 2 Dec. 2004. <http://webcast.sys-con.com/node/47287>.
- Adams, Robert. "[Take Command: The M4 Macro Package](#)." Linux Journal 2002.96 (2002): 6. <http://dl.acm.org/citation.cfm?id=513186>.
- Adams, R. and Erickson, Carl. "[Linux in Education: Teaching System Administration with Linux](#)." Linux Journal (2001). <http://dl.acm.org/citation.cfm?id=364736>.

GRANTS

- Adams, R., Grant, "Michigander Scholars", Michigan Economic Development Corporation (MEDC), State, \$300,000.00, Not Funded. (May 2024).
- Adams, D. Robert. (Co-Principal), Anderson, Peter. (Co-Principal), "Prokope: Digital Commentary for Intermediate Latin Learning," Sponsored by Grand Valley State University, \$7,850.00. (May 2011 - March 2012).

PRESENTATIONS

- Ndiaye, M. and Adams, R. "Modeling Major Gift Potential from Donor Histories". Michigan Academy of Science, Arts, and Letters (MASAL). (March 2026).
- Adams, D. R., & Anderson, P., Data and the Digital World at GVSU, "Tiresias: Digital Cataloging Translations of Classical Authors", GVSU, Allendale, MI. (January 2017).
- Gillespie, C. P., Adams, D. R., & Magal, S., SAP Academic Conference Americas 2016, "[Emerging SAP Technology](#)," SAP, San Diego, CA. (February 2016).
- Adams, Robert. "[Abstraction-Control vs. Model- View-Controller](#)," Great Lakes Software Excellence Conference, Grand Rapids, MI. (2006).

SOFTWARE PROJECTS

- Adams, R., & Anderson, P. (2016). [Tiresias: Translations of Greek and Roman Authors](#). Prototype web application.
- Adams, Robert, & Anderson, P. (2012). [Prokope Intermediate Latin Reader](#). iPad App. Apple App Store.
- Adams, Robert (2012). eTimer - A Mobile Exercise Timer. www.cis.gvsu.edu/~adams/eTimer.
- Adams, Robert (2010). [TrashCompactor: A Mac OS X Utility to Selectively Empty Desktop Trash](#).
- Adams, Robert (2007). [Sinkers: A Dashboard Widget for rsync](#).

- Adams, Robert (2007). iRecipe: An AJAX-Based Recipe System.
- Adams, Robert (2006). Scribble: Pedagogical Blog Software for Teaching Web Application Development.
- Adams, Robert (2005). Cappybara: An XML-based System for Sharing Exam Questions.
- Adams, Robert (2004). OSiRiS: An Open System for Capturing Student Reading Summaries.

MASTER'S PROJECTS/THESIS SUPERVISION

- "Modeling Major Gift Potential from Donor Histories" (2025). Advised: Ndiaye, M.
- "Adaptive Generative Difficulty Algorithm in Games" (2025). Advised: Tran, K.
- "Utilizing Customer Segmentation Techniques for Enhanced Marketing Strategies" (2025). Advised: Odiwuor, C.
- "Carpooling App" (2025). Advised: Gundeboina, S.
- "Employee Management System" (2023) Advised: Dondate, A.
- "Movie Discovery Website with Actor Identification" (2023) Advised: Gorre, C. A. R.
- "Student Insurance Management System" (2023) Advised: Pamudurthi, D.
- "PriceSmart: An Intelligent E-commerce Website for Price, Quality, and Rating Comparison across Multiple Retailers" (2023) Advised: Gangireddy, H.
- "Online Polling System" (2023) Advised: Thakkilapati, M.
- "Car Buying Web App" (2023) Advised: Peram, M. R.
- "GVSU Marketplace" (2023) Advised: Ravada, M.
- "Movie Discovery Website" (2023) Advised: Lokam, N.
- "End-to-End E-commerce Website" (2023) Advised: Marathi, P. C.
- "Online Bookstore Management System" (2023) Advised: Rayavarapu, R. Y.
- "Employee Leave Management System" (2023) Advised: Maggidi, S.
- "Event Planning Web Application" (2023) Advised: Bandari, S.
- "Animals and Pets Exploration Website" (2023) Advised: Erra, S.
- "Online Examination System" (2023) Advised: Boyalla, V.
- "Study Planner." (2023) Advised: Ashutosh Kiran Pologi
- "SpotEvents." (2023) Advised: Annamalai Balasubramanian
- "Travel Trip Mate." (2023) Advised: Srinivasa Reddy Doddy
- "FillMeUp." (2023) Advised: Hitesh Gone
- "Hospital Management System: A Web Application to Monitor Hospital Activities." (2023) Advised: Venkata Kandimalla
- "Dev-In." (2023) Advised: Guruchara Parsa
- "Development of a DevOps Course". (2022). Advised: J. VanderZouwen
- "Technical Curriculum for the Boys and Girls Club of Muskegon". (2022). Advised: D. Singh
- "COVID Detection Machine Learning Model". (2022). Advised: P. Singaravelu
- "Travel Information Dashboard". (2022). Advised: N. Lalam
- "Face Mask Detection Model". (2022). Advised: R. Kondala
- "A Website Creation Tool for Small Churches". (2022). Advised: A. Kakarala
- "PaleoProspectors: A Website 60 Million Years in the Making". (2022). Advised: D. Schindler
- "Book Club Kit Reservation System for Public Libraries and Their Patrons". (2021). Advised: V. Hoang
- "A Turn-based strategy game that uses cryptocurrency for in-game purchases". (2021). Advised: T. Nguyen
- "[A Web App to Teach Web Accessibility](#)". (2020). Advised: Daniel Newell
- "[Artificial Intelligence - Modularity with Behavior Trees](#)". (2020). Advised: Andy Vuong
- "[Agent Based Terrain Generator](#): Cruthú". (2018). Advised: Lawrence O'Boyle (Thesis Committee Chair)
- "[Systemic Lupus Erythematosus Symptom Severity Prediction Using a Recursive Neural Network](#)" (2018). Advised: Katherine G. Skocelas
- "[Puzzle Level Generation with Answer Set Programming](#)" (2018). Advised: Daniel Lindeman
- "[Story Parsing and Adventure Generation with Python and Postgres](#)" (2018). Advised: Ryan Solnik
- "Tesseract OCR Automated Scheduler" (2018). Advised: Mihai Pocse
- "Exploration of the Effects of Visualization Tools and Programming Languages" (2018). Advised: GunaSri

Vijaya Sekhar Cherukuri

- "myChild: A Child Health Tracking App for Parents" (2018). Advised: Anu Mookan
- "Graphical Log Analyzer" (2018). Advised: Dipana Sorathiya
- "An Exploration of FileMaker Platform for Customs Compliance and Reporting" (2017). Advised: Clemencia Reyes Flores
- "Database Synchronization in a Server Client Model" (2017). Advised : Abhinandan Vidya
- "[Why Nonprofit Organizations Need Information Systems Management and Strategy.](#)" (2017). Advised: Osita Mefor
- "[An Application Infrastructure to Support the TRIO Upward Bound Program.](#)" (2017). Advised: Rakesh Neela
- "Schedule Manager – A Modern Method of Scheduling, Staff Management and Communication." (2017). Advised: Sai Siddhartha Kola.
- "[Extensible Terrain Generator.](#)" (2017). Advised: William Frye
- "A Case Study on Software Design Patterns in the .NET Framework." (2017). Advised: Ronald Foreman Jr.
- "The Impact of Information Technology in Garden Maintenance." (2017). Advised: Rosalina Almendras
- "[An Integrated Registrations System for Automotive Parts](#)" (2016). Advised: Muli Muthiani
- "FoundIt: A Lost and Found iPhone App" (2016). Advised: Chaitanya Karumanchi
- "[Assessment of Open Source Project Management Tools for CIS 467](#)" (2016). Advised: Khalid Almoqhim
- "Laker Chat App" (2016). Advised: Shiva Madiraju
- "[Evaluation of Xamarin Forms for MultiPlatform Mobile Application Development](#)" (2016). Advised: Amer Radi
- "[Evaluation of Online E-commerce Systems](#)" (2016). Advised: Saheel Sehgal.
- "[Mobile Test Viewer: Web Application for Interactive Exploration of Product Test Plans](#)" (2016). Advised: Jason Vernon.
- "[Computational Nutrition: A Method of Generating Food List to Meet Nutritional Requirements](#)" (2015). Advised: Thomas Pikes
- "[A New Course in Emerging SAP Technology](#)" (2015). Advised: Chris Gillespie
- "[An Evaluation of Oracle's Still Image Plugin as a Platform for Dynamic Image Search](#)" (2015). Advised: Nicholas Nelson
- "[Zion File System Simulator](#)" (2015). Advised: Frederic Paladin
- "[Creating 3D Foldable Paper Craft from Dynamically Generated Scalable Vector Graphics](#)" (2015). Advised: Daniel Slaughter
- "[YeaNay: An Open Source Tool to Rate the Votes of Members of the United States House of Representatives and Senate.](#)" (2015). Advised: Eric Venlet
- "[Doorstop: A Text-Based Software Requirements Tool.](#)" (2013). Advised: Jace Browning
- "[Xamarin: A Cross-Platform Mobile Development.](#)" (2013). Advised: Jared Dickson
- "[SMiT : A Script Management Tool.](#)" (2013). Advised: Kevin Guyot
- "[Search Engine Optimization: A Self-Guided Tutorial.](#)" (2013). Advised: Niko Solihin
- "[A Mobile Application for Personal Finance Management.](#)" (2013). Advised: SenthilRaj Ulagasundaram
- "[Prokope: An iPad App for Intermediate Latin Readers.](#)" (2011). Advised: Justin Antranikian
- "[ADLib: An Arduino Communication Framework for Ambient Displays.](#)" (2011). Advised: Russ Shearer
- "[Lava: A JVM-Based Framework for Rapid Web Application Development.](#)" (August 2010 - December 2010). Advised: Todd Boss
- "[Cross-platform graphics language/virtual machine.](#)" (2009). Advised: Josh Holtrop
- "[Torrent Architecture.](#)" (2009). Advised: Alex Patterson
- "[Photography Framework using Microsoft Silverlight.](#)" (2009). Advised: David Roossien
- "[Mashups Courseware.](#)" (2009). Advised: Jane McGookey
- "[Inspired Design: Using Interdisciplinarity and Biomimicry for Software Innovation](#)" (2008). Advised: Steve Korecki (Thesis Committee Member)
- "[Using Distributed Computing to Find Large Prime Numbers.](#)" (2008). Advised: Alec Dhuse
- "[Utilizing AJAX Calls to Separate the Presentation & Application Layers in Web Applications](#)" (2008). Advised: Kevin Holleran
- "[AJAX Tutorials.](#)" (2008). Advised: Pramod Rane

- "[TL1 Agent/Node Walker](#)." (2006). Advised: David Sisson
- "[Web-based Dynamic Database Creation and Report Generation](#)." (2006). Advised: Andrew McGuckin
- "[Assessing Load Balancing Strategies](#)." (2004). Advised: Murali Rajagopalan (Thesis Committee Chair)
- "[How Does the Use of Extreme Programming in the Second Required Computer Science Course, CS II, Affect Undergraduate Students' Performance in the Course?](#)" (2003). Advised: Ken Radlick (Thesis Committee Chair)

MASTER'S DIRECTED READINGS SUPERVISION

- "[Comparative Programming Language Study](#)." (2020). Advised: Kevin Kredit.
- "Data Representation for 3D Terrain Generation." (2017). Advised: Lawrence O'Boyle
- "A Case Study on Java Server Faces." (2017). Advised: Mayurkumar Patel
- "Advanced Data Structures and Algorithms." (2017). Advised: Shiva Madiraju
- "An Examination of Enterprise Web Application Frameworks." (2013). Advised: Nalinie Vrudhula
- "AJAX." (2009). Advised: Kevin Holleran
- "AJAX." (2009). Advised: Oscar Hilliker
- "Survey of Computer Security." (2008). Advised: Luke DeMott
- "Exploring Mashups." (2007). Advised: Sudhir Wagnmare
- "Ruby on Rails." (2007). Advised: Vinay Alofs
- "Jipange: A Distributed .NET Application Demonstrating MVC." (2007). Advised: Leecox Omollo
- "[Web-based User Interface Guidelines and Best Practices for Program Assessment](#)." (2006). Advised: Claudia Pedreros-Oviedo
- "System Integration of Visual BASIC." (August 2006). Advised: John Manilla
- "FasterPodcaster: Cross-Platform Podcast Feed Authoring Application." (2006). Advised: Brian Geary
- "TL1 Agent/Node Walker." (2006). Advised: David Jeffers
- "Queue- Monitor, Support and Administration Tool (Q- MSAT)." (2006). Advised: Tabrez Sait
- "Cross-Platform Computing with XML Web Services." (2005). Advised: Eric Rybarczyk
- "TRIP: An On-line System for Private School Tuition Reduction Programs." (2005). Advised: Curt Stienstra
- "Visitor Pattern in the DOM." (2004). Advised: Dan Williams
- "Meta-Portal: A Personalized Web-Portal Creation Engine." (2004). Advised: Melissa Jobe
- "Tablet PC API." (2003). Advised: Bill Miller
- "Motion Capture for Less than \$500." (2003). Advised: Dan Williams
- "POP3 Troubleshooter." (2002). Advised: Chris Burnham

UNDERGRADUATE INDEPENDENT STUDY SUPERVISION

- "Pickup Addict Windows Phone Application." (2014). Honors Thesis. Advised: Nicholas Olesak.
- "Ruby on Rails." (2006). CIS Independent Study. Advised: Alex Hipshear
- "A Web Browser for Visually Impaired Users." (2003). CIS Independent Study. Advised: Matt Dressel

DEPARTMENT SERVICE

2025-Present Program Director, M.S. Data Science and Analytics

Notable Achievements:

- Process admissions for all DSA students
- Advise all DSA students (about 90 students)
- Select students for Graduate School Citation Awards

2005-2025 Program Director, M.S. Applied Computer Science

2022-2024 Associate Director for Graduate Education and Lifelong Learning

2022-2024 Chair, Personnel Advisory Committee

2005-2022 Committee Member, Academic Honesty Advisory Committee

2005-2021	Committee Member, Curriculum Committee
2012	Committee Member, Identifying Best Practices for Student Teams
2008	Committee Member, Information Systems Faculty Search Committee
2005-2007	Committee Member, Experimental Operating System (EOS) Lab Advisory Board
2005-2006	Student Exchange Coordinator with Uppsala, Sweden

COLLEGE SERVICE

2024-Present Associate Dean for Graduate Education, College of Computing

Notable Achievements:

- Lead the search committee for the Associate Dean for Research.
- Served on a graduate recruiting trip to Tunisia, as well as hosting several monthly recruiting webinars.
- Helped develop new MS programs in Artificial Intelligence, Human Centered Computing, and Software Engineering.
- Helped develop a new PhD in Computing program.

2023 Committee Member, Search Committee for Graduate Programs Coordinator

2012 Committee Member, English Language Services (ELS) Pilot Study

2016-2018 Committee Member, College Curriculum Committee (also 2005-2008)

UNIVERSITY SERVICE

2020-2024 Member, Online Education and Microcredential Committee

2022-2024 Member, University Academic Senate

2021-2022 Chair, General Education Committee

2021 Member, Learning Management System (LMS) Recommendation Task Force

2019-2020 Member, IT Capacity Task Force

2019 Member, University Acceleration Team on Graduate Education

2007-2018 Chair, University Curriculum Committee

2010-2018 Chair, Online Education Council

2005-2015 Faculty Advisor, Summer Freshman Orientation

2011 Task Force Member, Student/Faculty Collaboration Guidelines Taskforce

2010 Committee Member, Search Committee for Academic Curriculum and Program Development Officer

2010 Committee Member, Search Committee for Graduate Dean

2008 Task Force Member, Provost's Final Plan Task Force

2007-2008 Faculty Advisor, TechGV Student Organization

2005-2007 Faculty Advisor, GVSU Linux Users Student Organization

2005-2007 Committee Member, WRT 305 Reviewer

2004-2007 Committee Member, University Curriculum Committee

2007 Task Force Chair, Syllabi of Records Task Force

2006 Faculty Advisor, Summer International Student Orientation

PROFESSIONAL SERVICE

2020-Present Fulbright Student Interviewer for Fulbright Austria

2003-Present Reviewer, ACM SIGCSE Conference

2009-Present Reviewer, Consortium of Computing Sciences in Colleges Conference

2016-2019 Reviewer, EDSIG Information Systems Educators Conference

2012 Book Reviewer. Crookshanks, E. L. *Practical Tools and Techniques for Software Development: A Computer Science/information Technology Curriculum Companion*. [United States]: Nokol Services, 2012.

2008-2012 Reviewer, International Conference on Information Technology Interfaces

2001-2010 Reviewer, IEEE Transactions on Education

1999-2010	Reviewer, ACM Conference on Innovation and Technology in Computer Science Education (ITiCSE)
2008	Reviewer, Frontiers in Education (FIE) Conference
2006	Book Reviewer. Tanenbaum, A. S., and Van Steen, M. <i>Distributed Systems: Principles and Paradigms</i> . 2nd ed. Upper Saddle River, NJ: Pearson Prentice Hall, 2007.

COMMUNITY SERVICE

2018-2023	Grand Rapids Scottish Society
2016-2019	Grandville High School Senior College and Career Conference
2011-2012	Committee Member, Holy Spirit School Technology Initiative Committee
2013	Consultant, Kentwood Public Schools, High Performance Computing Student Research Project
2009, 2014	Consultant, Immanuel Lutheran Church, Technology Support
2005-2006	Consultant, Holy Spirit School, Technology Support
2005-2006	Mt. Olive Lutheran Church, Technology Support
2000	Consultant, Grand Rapids Housing Commission, Grand Rapids, MI.

PROFESSIONAL DEVELOPMENT ACTIVITIES

- "Coursera: Machine Learning Specialization", DeepLearning.AI and Stanford University. 2023.
- Building Games with Unity. Udemy course. 2020.
- EAB Marketing and Recruiting Across the Adult Student Lifecycle Workshop. 2019-2020.
- Dynamic Research Workshop. GVSU Center for Creative and Scholarly Excellence, Grand Rapids, MI. October, 2012.
- Delivering Online Education Workshop. GVSU Faculty Teaching and Learning Center. 2010.
- Conference Attendance, Great Lakes Software Excellence Conference, Software GR, Grand Rapids, Michigan. 2007.
- Student-Led Discussions Workshop, GVSU Faculty Teaching and Learning Center. 2006.

Last Updated January 2026