

## Kevin D. Wendt

### **Work:**

University of Minnesota, Twin Cities  
Department of Computer Science and Engineering  
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### **Residence:**

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### **Professional Experience:**

#### **2015 – Present *Teaching Specialist & Director of Graduate Studies, M.S.S.E.***

Dept. of Computer Science & Eng., University of Minnesota, Minneapolis, Minnesota.

*Additional duties:*

- *Director of Graduate Studies for M.S. in Software Engineering*
- *TA Supervisor for Department of Computer Science & Engineering (\$3.5 million budget)*
- *Senior Design Project liaison (adjunct hiring/supervision adjuncts, sponsor relations)*

#### **2012–2015 *Principal Instructor***

Computer Programs, Dunwoody College of Technology, Minneapolis, Minnesota.

*Additional duties:*

- *Head of Curriculum Review and Curriculum Design Committees for Bachelor and Associate degrees*
- *Supervise and coordinate with junior and adjunct faculty for Computer Systems Analysis and Web Development programs*

#### **2009–2012 *Senior Instructor***

Computer Programs, Dunwoody College of Technology, Minneapolis, Minnesota.

*Additional duties beyond those of position:*

- *Course scheduling for all courses in the Web Programming & Database Development program*
- *Adviser to all students in the program*
- *Career services liaison for the program*

### **Education:**

- University of Minnesota - Twin Cities, Minneapolis, Minnesota.
  - Ph.D., Computer Science, Expected 2020.  
Adviser: Dr. Mats P.E. Heimdahl.
  - Postbaccalaureate Certificate, Career and Technical Education, 2011.  
Adviser: Dr. Tom Stertz.
  - M.S.S.E., Software Engineering, 2009.  
Adviser: Dr. Dick Hedger  
Project: *Institute of Technology Alumni Association Mentor-Mentee Matching System migration from Windows Server and Access to LAMP stack.*
  - B.S in Computer Science, cum laude, 2007.  
Adviser: Dr. Maria Gini  
Honors Thesis: *Improving Teaching of Computer Science Students in Large Classrooms Using the Students Themselves.*

## Awards:

- Instructor of the Year, Dunwoody College of Technology, 2014.
- Outstanding Academic Innovation, Dunwoody College of Technology, 2011.

## Conference Publications (selective, peer reviewed with archival proceedings):

1. Kevin D. Wendt, “Audience and Content Areas of Online Software Engineering Education and Training: A Systematic Review,” in *51st Hawai’i International Conference on Systems Sciences (HICSS)*, January 2019. 10 Pages.
2. Kevin D. Wendt, Ken Reily, and Mats P.E. Heimdahl, “First Steps Towards Exporting Education: Software Engineering Education Delivered Online to Professionals,” in *29th IEEE Conference on Software Engineering Education and Training (CSEE&T)*, April 2016. 5 Pages. *Acceptance Rate (reported) 43% (23 Submitted, 14 Accepted)*

## Invited Conference Talks:

- American Technical Education Association 2014 Annual Conference.  
March 2014. St. Paul, MN, USA.  
**Invited Talk:** Why Everyone Should Learn to Code.  
**Invited Talk:** Games in Technical Education: Theory, Design, and Student Engagement

## Teaching Experience (University of Minnesota):

- SENG 5802 – Software Engineering II: Software Design.  
– Terms taught: Spring 2018, Spring 2017, Spring 2016.
- CSCI 5801 – Software Engineering I.  
– Terms taught: Fall 2017, Spring 2017, Fall 2016, Spring 2016, Fall 2015.
- CSCI 3081W – Program Design and Development. *Writing Intensive*.  
– Terms taught: Spring 2018, Fall 2016.
- CSCI 2011<sup>1</sup> – Discrete Structures of Computer Science.  
– Terms taught: Summer 2013.
- CSCI 1113 – Intro to C/C++ for Scientists and Engineers. *Non-major*.  
– Terms taught: Summer 2017, Summer 2016, Fall 2015.

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<sup>1</sup>Instructor of Record

## Teaching Experience (Dunwoody College of Technology):

(B.S. - Bachelor of Science § A.A.S. - Associate of Applied Science)

- BCSA3110 – Discrete Mathematics. B.S.
  - Terms taught: Fall 2014, Fall 2013.
- BCSA3210 – Algorithms & Data Structures. B.S.
  - Terms taught: Spring 2015, Spring 2014.
- BCSA4110 – Formal Languages & Automata.
  - Terms taught: Fall 2014.
- BCSA4210 – Introduction to Software Engineering. B.S.
  - Terms taught: Spring 2015.
- MISB3210 – Systems Analysis Practicum. B.S. *Online*.
  - Terms taught: Spring 2013.
- MISB3220 – Database Technologies. B.S. *Online*.
  - Terms taught: Fall 2014, Spring 2014, Fall 2013, Spring 2013, Fall 2012.
- MISB4110 – Management of Distributed Systems. B.S. *Online*.
  - Terms taught: Spring 2014, Spring 2013, Fall 2012.
- CWEB1000 – Introduction to Web Languages. A.A.S. *Non-major*.
  - Terms taught: Spring 2015, Fall 2014, Spring 2014, Fall 2013, Spring 2013, Fall 2012.
- CWEB1001 – Introduction to Web Programming. A.A.S.
  - Terms taught: Fall 2013, Spring 2013, Fall 2012.
- CWEB1010<sup>2</sup> – Introduction to Web Development. A.A.S.
  - Terms taught: Spring 2015 [2 sections], Fall 2014 [2 sections], Spring 2014.
- CWEB1110 – Programming Fundamentals. A.A.S.
  - Terms taught: Spring 2015, Spring 2014, Spring 2013.
- CWEB2010 – Advanced Programming. A.A.S.
  - Terms taught: Fall 2014, Fall 2013.
- CWEB2020 – Database Servers. A.A.S.
  - Terms taught: Fall 2012.
- CWEB2110 – Web Publishing. A.A.S.
  - Terms taught: Spring 2015, Spring 2014, Spring 2013.
- CWEB2120 – Database Systems. A.A.S.
  - Terms taught: Spring 2014, Spring 2013.
- CWEB2133 – Internship. A.A.S.
  - Terms taught: Spring 2015, Fall 2014.
- CWEB2130/CWEB2135 – Advanced Topics. A.A.S. *Capstone*.
  - Terms taught: Spring 2015, Fall 2014, Spring 2014, Spring 2013, Fall 2012.
- CWEB215T – Advanced Programming (Transitional). A.A.S.
  - Terms taught: Fall 2012.
- MISB210 – Systems Analysis Practicum. B.A.S. *Online*.
  - Terms taught: Spring 2012.
- MISB310 – Database Technologies. B.A.S. *Online*.
  - Terms taught: Spring 2012.
- MISB320 – Management of Distributed Systems. B.A.S. *Online*.
  - Terms taught: Winter 2012.
- CWEB111 – Business Concepts. A.A.S.
  - Terms taught: Winter 2012, Fall 2011.

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<sup>2</sup>This is a combination of CWEB1000 and CWEB1001

- CWEB112 – Programming Fundamentals I. A.A.S.
  - Terms taught: Winter 2012, Winter 2011.
- CWEB123 – Programming Fundamentals II. A.A.S.
  - Terms taught: Winter 2012, Spring 2011, Winter 2011, Winter 2010.
- CWEB125 – Web Services. A.A.S.
  - Terms taught: Winter 2012, Winter 2011, Winter 2010.
- CWEB133 – Introduction to Web Languages. A.A.S.
  - Terms taught: Fall 2011.
- CWEB211 – Application Building. A.A.S.
  - Terms taught: Spring 2012, Spring 2011, Spring 2010.
- CWEB212 – Database Development. A.A.S.
  - Terms taught: Fall 2011, Fall 2010.
- CWEB215 – Advanced Programming. A.A.S.
  - Terms taught: Fall 2011, Fall 2010.
- CWEB222 – Introduction to XML. A.A.S.
  - Terms taught: Spring 2012, Spring 2011, Spring 2010.
- CWEB223 – Web Publishing. A.A.S.
  - Terms taught: Winter 2012, Winter 2011, Winter 2010.
- CWEB224 – Web Application Development. A.A.S.
  - Terms taught: Spring 2011, Fall 2010.
- CWEB225 – Business Application Customization. A.A.S.
  - Terms taught: Spring 2011.
- CWEB226 – Database Systems I. A.A.S.
  - Terms taught: Spring 2012, Spring 2011, Spring 2010.
- CWEB227 – Database Systems II. A.A.S.
  - Terms taught: Spring 2012, Spring 2011, Spring 2010.
- CWEB233 – Online Business. A.A.S.
  - Terms taught: Winter 2012, Winter 2011, Spring 2010, Winter 2010.
- CWEB235 – Senior Seminar. A.A.S.
  - Terms taught: Spring 2012, Winter 2012, Fall 2011, Spring 2011, Winter 2011, Fall 2010, Spring 2010, Winter 2010.
- CNET221 – Linux. A.A.S.
  - Terms taught: Winter 2012.
- CNET230 – Scripting for Networks. A.A.S.
  - Terms taught: Spring 2012.

## Curriculum and Course Design:

- Software Engineering Bachelor's Degree Steering Committee, External Co-Chair - Dunwoody College of Technology
  - *Launched Fall 2017*
- Bachelor Degree Completion Program Design - Dunwoody College of Technology
  - *Launched<sup>3</sup> Fall 2013* - Computer Systems Analyst. Bachelor of Science.
- Associate Degree Program Design - Dunwoody College of Technology
  - *Designed for launch Fall 2015* - Database Administration. Associate of Applied Science.
  - *Launched<sup>3</sup> Fall 2014* - Web Development. Associate of Applied Science.
  - *Launched<sup>3</sup> Fall 2012* - Web Programming & Database Development. Associate of Applied Science.

## Industry Experience:

### **2006–2012 Applications Programmer/Analyst**

Wells Fargo & Company, Minneapolis, Minnesota.

*Additional duties:*

- *Maintain codebase of consolidation server accepting transactions from ATM and Store (Branches) nationwide*
- *Part of 2-5 member team supporting server accepting 750K+ transactions daily, including 24/7 on-call support*
- *Live support, internal tool and website development, change control management, and many other related tasks*

## Program Committees:

- 31st Conference on Software Engineering Education and Training (CSEE&T) Maui, Hawaii. January 7-10, 2019 (as a track of HICSS).

## Reviewer:

- Frontiers in Education 2016, Erie, PA, USA, Oct. 12-15, 2016. Research track.
- Frontiers in Education 2017, Indianapolis, IN, USA, Oct. 18-21, 2017. Research track.
- SIGCSE Technical Symposium on Computer Science Education (SIGCSE 2016), Memphis, TN, USA, Mar. 2-5, 2016. Track 1: Research Papers.
- SIGCSE Technical Symposium on Computer Science Education (SIGCSE 2017), Seattle, WA, USA, Mar. 8-11, 2017. Track 1: Research Papers.
- SIGCSE Technical Symposium on Computer Science Education (SIGCSE 2018), Baltimore, MA, USA, Feb. 21-24, 2018. Track 1: CS Education Research papers.
- SIGCSE Technical Symposium on Computer Science Education (SIGCSE 2019), Minneapolis, MN, USA, Feb. 27 - Mar. 2, 2019. Track 1: Experience Reports and Tool papers.

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<sup>3</sup>Approved by Minnesota Office of Higher Education (MOHE), regional accrediting body Higher Learning Commission (HLC), and U.S. Dept. of Education (DOE)

## **Affiliation:**

- Member, Association of Computing Machinery (ACM)
- Member, Institute of Electrical and Electronics Engineers (IEEE)
- Professional member and advisor, SkillsUSA.
  - Advisor to student teams placing 2nd in the national web design competition, as well as 1st in state competition multiple times.
- Professional Registered Parliamentarian, National Association of Parliamentarians
- Elite Umpire, USA Softball (formerly ASA)

## **Service:**

### *University of Minnesota*

#### **University Level:**

- P & A Senator alternate. 2018-Present.

#### **Department Level:**

- Master of Science in Software Engineering Admissions Committee. 2016-Present.

### *Dunwoody College of Technology*

- Institutional Core Abilities Revision Task Force. 2014.
- Content-Area Literacy Skills in Technical Education. 2013-Present.
- Academic Quality Improvement Program (AQIP) - Measurement Task Force. 2013-Present.
- Curriculum Design Committee - Semester Transition. 2011-2012.  
*Committee (of one) to design new curriculum for the Web Programming & Database Development program.*
- Institutional Research. 2011-2012.  
*Charged with instituting, creating and supporting online tools designed to gather and analyze student learner survey data for the evaluation of instructors throughout the college.*
- Technology Task Force. 2010-2011.  
*Provide recommendations to the administration concerning technology use and technology policy direction for the college.*
- Great Colleges to Work For. 2010-2011.  
*Provide feedback to the administration regarding the Chronicle of Higher Education's Great Colleges to Work For survey.*