

DR. BRENT D. WILSON

EDUCATION

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|-----------|---|----------------------------|
| 2006-2009 | Colorado Technical University Doctorate of Computer Science | Colorado Springs, Colorado |
| 1997-2000 | Nova Southeastern University Master of Science Degree - Computer Science | Ft. Lauderdale, Florida |
| 1986-1989 | Western Oregon University Master of Arts Degree – Advanced Mathematics & Computer Science Education | Monmouth, Oregon |
| 1982-1986 | Western Oregon University Bachelor of Science Degree - Computer Science | Monmouth, Oregon |
| 1982-1986 | Western Oregon University Bachelor of Science Degree - Mathematics | Monmouth, Oregon |

PROFESSIONAL HISTORY

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| 1994-present | George Fox University Professor of Computer Science, Information Systems, & Cyber Security | Newberg, Oregon |
| 2017-present | Owner & Sr. Member RAAK Systems LLC | Dundee, Oregon |
| 2001-2014 | Chief Information Officer Ailan Corporation | Portland, Oregon |

PROFESSIONAL AFFILIATIONS & BOARD MEMBERSHIPS

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| 2014-present | Advisory Board member, Oregon Computer Science Teachers Association |
| 2002-2019 | Member of the National Board of Directors of the Consortium for Computing Sciences in Colleges (CCSC). |
| 2002-2019 | Member of the NW Regional Board of Directors of the Consortium for Computing Sciences in Colleges (CCSC). |
| 2006-2011 | Technical Member of Advisory Board Oregon Aesthetic Technologies – Portland, Oregon |
| 1996-present | Member of IEEE Computer Society |
| 1996-present | Member of ACM (Association of Computing Machinery) Special Interest Group Membership: Computer Science Education |

PUBLICATIONS

- Wilson, B. (2018). Introducing Cyber Security by Designing Mock Social Engineering Attacks. *Journal of Computing Sciences in Colleges*, 34(1), 235-241.
- Wilson, B. (2017). Teaching Security Defense Through Offensive Ethical Hacking At The Undergraduate Level. *Journal of Computing Sciences in Colleges*, 33(2), 121-128.
- Wilson, B. (2017). “*Big Java: Late Objects 2nd ed. - Solutions*”, Wiley Publishing.
- Wilson, B., Vandeberg, M. (2015). Easy Distributed Grid Architecture for Research: Easy Access to Supercomputing. *Journal of Computing Sciences in Colleges*, vol. 31(1)
- Wilson, B. (2015). “*Big Java: Early Objects 6th ed. - Solutions*”, Wiley Publishing.
- Wilson, B., Abbas, A., Diesch, K., Garvin, C., Hall, L., Lowe, T. (2014). *Principles of Programming*. Chicago, IL: Words of Wisdom Publishing
- Wilson, B. (2013). “*Big Java: Early Objects 5th ed. - Solutions*”, Wiley Publishing.
- Wilson, B., & Willshire, M.J. (2009). EDGAR – Grid computing project. *Journal of Computing Sciences in Colleges*, 25(2), 52-57.
- Wilson, B. (2009). Distributed shared checkpointing in enterprise desktop grids (Doctoral dissertation, Colorado Technical University, 2009).
- Wilson, B., & Willshire, M.J. (2009). EDGAR – Grid computing project. *Journal of Computing Sciences in Colleges*, 25(2), 52-57.
- Wilson, B., Aman, J., & Bourget, J. (2008). Wanted – trained security specialists. *Journal of Computing Sciences in Colleges*, 24(2), 50-55.
- Aman, J., Wilson, B., & Shirvani, S. (2007). Maintaining lecture context in a blended course. *Journal of Computing Sciences in Colleges*, 23(1), 56-63.
- Wilson, B., Aman, J., & Shirvani, S. (2007). Evolving from traditional to hybrid: placing presentations into context for students. *Journal of Computing Sciences in Colleges*, 23(2), 9-15.
- Wilson, B. (2005). Introduction to parallel programming using message-passing interface (MPI). *Journal of Computing Sciences in Colleges*, 21(1), 207-211.
- Carr, K., Gardner, F., Munsch, T., Odell, M., & Wilson, B. (2003). The role of on-line, asynchronous interaction in student development of light and color concepts. *Journal of Interactive Online Learning*.

CONFERENCE PRESENTATIONS

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| 2020 | Invited Speaker, “ <i>Coding Is Only Half The Solution</i> ,” Oregon Tech Talks 2020, The Tech Academy, Portland, OR USA |
| 2018 | Invited Speaker, “ <i>Secure Coding Techniques</i> ,” Oregon Tech Talks 2018, The Tech Academy, Portland, OR USA |
| 2017 | Invited Speaker, “ <i>Why Algorithms Matter</i> ,” Oregon Tech Talks 2017, The Tech Academy, Portland, OR USA |

- 2015 Invited Speaker, "*Supercomputing for Everyone, Easy Distributed Grid Architecture for Research*," 20th Biennial Conference of the ACMS, Anacaster, ON, Canada.
- 2013 Invited Panelist, "*MOOC's and Their Role in Computer Science Higher Education*," 15th Annual Northwest Conference of the Consortium of Computing Sciences in Colleges.
- 2013 "*Android Apps: as Easy as 1-2-3*," Conference Session Presentation for the Northwest Council for Computer Education Conference, Portland Oregon.

- 2013 *“Android Development Made Easy,”* Workshop for the Northwest Council for Computer Education Conference, Portland Oregon.
- 2008 Invited Panelist, *“The Content and Role of the Computer Graphics Course in Small, Liberal Arts Colleges,”* 10th Annual Northwest Conference of the Consortium of Computing Sciences in Colleges.
- 2005 Invited Panelist, *“Models for computer science K-12 outreach activities,”* 7th Annual Northwest Conference of the Consortium of Computing Sciences in Colleges.
- 2005 Poster Presentation, Society of Computers in Psychology’s 35th Annual Conference, *“Creating images for perception,”* Toronto, Canada. Co-Authored with Koch, C., Hansen, D
- 2002 Conference Presentation, Consortium for Computing Sciences in Colleges 3rd Annual Northwest Conference, *“Web Reporting Made Easy,”* Seattle, Washington
- 1999 Conference Presentation, Northwest Council for Computer Education's 28th Annual Conference, *“Y2K: So What's The Big Hype?”* Seattle, Washington.
- 1999 Conference Presentation, Northwest Council for Computer Education's 28th Annual Conference, *“VRML: Virtual Reality Modeling Language,”* Seattle, Washington.
- 1998 Invited Panelist, *“Programming within COTS (Commercial Off The Shelf) products,”* 6th Annual Computer Science Teachers Association's Conference, Newberg, Oregon.
- 1998 Conference Presentation, Computer Science Teachers Association’s 6th Annual Conference, *“Getting & Keeping Females in High School Computer Science: Results of Oregon Department of Education Summer Program,”* Newberg, Oregon.
- 1996 Conference Presentation, Computer Science Teachers Association's 4th Annual Conference, *“Java: A New Language, A New Approach,”* Portland, Oregon.
- 1996 Conference Presentation, Computer Science Teachers Association's 4th Annual Conference, *“Graphics & Girls: A female-friendly way to teach programming constructs,”* Portland, Oregon.
- 1996 Conference Presentation, The National Technology in Human Services Conference, *“The Changing Interface of Adoptions,”* co-authored with Dr. Larry Wanberg, Hilton Head, South Carolina.
- 1995 Conference Presentation, Northwest Council for Computer Education's 24th Annual Conference, *“Raytracing & Morphing,”* Bellevue, Washington.
- 1993 Conference Presentation, Northwest Council for Computer Education’s 22nd Annual Conference, *“AP Computer Science Curriculum,”* Portland, Oregon.

PROFESSIONAL ACTIVITIES & AWARDS

- 2019 Cyber Security Program Committee, International Conference on Computing, Riyadh, Saudi Arabia.
- 2015 Review and Development of Solution Set for Manuscript *“Big Java, 6th ed.”*, Horstmann, Wiley Publishing.
- 2012 Review and Development of Solution Set for Manuscript *“Big Java, 5th ed.”*, Horstmann, Wiley Publishing.

- 2010 Conference Chair, Consortium of Computing Sciences in Colleges Northwest Conference. Newberg, Oregon.
- 2009 Educator of the Year. Category: Student Success. Colorado Technical University Fall 2009.
- 2000 Conference Site Chair, Consortium of Computing Sciences in Colleges Northwest Conference. Portland, Oregon.
- 2000 Consortium for Computing Sciences in Colleges Northwestern Conference Site Chair, Portland, Oregon
- 1999 ACM/IEEE International Supercomputing Conference Education Program Committee Member, Portland, Oregon.
- 1999 Reviewed Manuscript of *“Introduction to Computer Science with C++, 2nd ed.”*, Lambert, Nance, and Naps, Brooks/Cole Publishing.