

Acknowledgments

To paraphrase the words of the fictional character of Dr. Sheldon Cooper, not only have my wife and son tolerated me but throughout this process, I have been encouraged and supported by a fantastic group of friends.

The first acknowledgment must go to my wife, Jennie, and my son Will. This work would not have been possible without their support, comfort, love, and simple tolerance. They have accepted and understood what was attempted through everything, which made this effort worthwhile. When we celebrated completing a master's degree together, there was never a thought of my doing more graduate work, much less supporting transitioning to a full-time faculty role. Jennie is the most incredible human I know, and none of this effort would have been worth it without her. Countless other friends supported the doctoral efforts, but Dr. Dana Wallace warrants a specific mention. Twenty-two years ago, as a freshman RA, she had no understanding of that, likely annoying job, translating into a friendship/mentorship that would encompass two different graduate programs and new faculty mentorship. Phil, her husband, also deserved thanks for his pure tolerance of incessant questions and the time involved in supporting my work. Mr. Shane Ede is not only one of my best friends but also the most excellent sounding board. While completing his master's degree in educational technology, he contributed to editing and pedagogical concepts to the project.

My parents, Ed and Susan, should also be acknowledged here for various reasons. After experiencing my undergraduate days, my mother likely was shocked and amazed at a successful dissertation defense. As a long-term educator, once I shifted into the trainer and educator goals for my life, she has been a solid source of inspiration and soundboard for how to better develop as an educator. Ed, my father, has been my computing and geek inspiration from an early age.

Early computers, experiencing the amazement of supercomputers, him being an original Unix legend, old school hacker, to simply questioning why I found an element of computing interesting. Thank you, Dad. There is not a sufficient number of words or volume of code that exists to express adequately. A Ph.D. is also your achievement as well.

Figure 1

Love for Computing



Note: The researcher's programming attention span remains approximately the same.

The University of Jamestown faculty, administration, and Computer Science and Technology department faculty also greatly supported completing this doctoral program. Erik Sand, Mary Reed, and Kathryn Lemm – from instructors to colleagues, mentors, and friends, it

has been a journey none of us would have expected. The depth of my appreciation for those aspects cannot be stated enough. I hope my fellow faculty members accept this dissertation in place of all outstanding assignments that should have been submitted years ago. Many colleagues at the University of Jamestown supported my efforts to balance teaching full-time, doctoral studies, research, and strong support from the UJ administration. Over the last few years, many of my students also deserved acknowledgment for interest and understanding and helped develop why this project needed to happen. I hope they know who they are, but the University of Jamestown students have also been a core inspiration for this dissertation.

While more abstract, the Association of Computing Machinery (ACM) computer science education community and the Computer Science Education in Liberal Arts Colleges committee have been of significant assistance and inspiration. One of the favorite elements of my role as a faculty member in a liberal arts institution has been the ability to engage with such a caring community. An additional community is that of the Scrintal knowledge management tool. Dr. Ece Kural, and her team, not only supported this dissertation through their software and discussions on how to manage knowledge but assisted through edits and reviews of work.

Last, but certainly not least, would be the acknowledgment of the University of the Cumberlands faculty. Dr. Kathleen Hargiss was essential in driving the type of dissertation. I had struggled to combine my career and Ph.D. studies, and Dr. Hargiss facilitated bringing it all together. She brought out passion in the dissertation. Dr. Lowrey and Dr. Alsay helped bring about the final form of the dissertation. Dr. Michael Peterson and Dr. Steven Brown also greatly assisted in revising this dissertation's final form.