| Software | Format | Sponsor | Description | Hours of study | Date |
| --- | --- | --- | --- | --- | --- |
|  |  |  |  |  |  |
| Python | Self-study |  | Self-study. Reproducing Master’s degree work in Python | 8 | In-progress |
| R | Self-Study |  | Self-study. Reproducing Master’s degree work in R |  | In-progress |
| R | On-line lecture & practice | Pluralsite.com | R Programming Fundamentals | 7 |  |
| R | On-line lecture & practice | Pluralsite.com | Exploring Your First Data set with R. Instructor Martin Burger | 2.1 | August 2020 |
| STATA | Instructor led | UND | Performed Master’s degree assignments in 9 class using STATA when studying econometric techniques. | 160 | August 2016 - May 2019 |
| SQL | On-line lecture | Pluralsite.com | Introduction to SQL. Instructor Jon Flanders. | 3 | July 2020 |
| SQL | Guided lessons | Sams | Guided lessons with sample database. Sams Teach Yourself SQL, 24 one-hour lessons. |  | In-progress |
| Oracle SQL developer | On-line video | Oracle | Watched introduction to Oracle SQL developer video.  Setup for Sams Teach Yourself SQL, 24 one-hour lessons. Book is 11c version and my version is 18c. Had to figure out script differences to get sample files to load. | 8 | July 2020 |
| Yardi | Self-taught |  | Enterprise system. Learned configuration, report writer, table structure. Negotiated enhancements with vendor | 80 | March 2019 |
| Yardi email templates | Self-taught |  | Modified SQL queries so that email templates pull correct data | 8 | March 2019 |
| Paycor | Self-study |  | Payroll and Human resources software. | 30 | January 2018 |
| ADP | Self-taught |  | Payroll and Human resources software | 40 | January 2012 |
| Microix | Self-study |  | Software that sits on top of general ledger software to manage payables and related approvals for organizations that have remote locations. | 40 | 2013 |
| MIP/Abila | Self-study |  | General ledger and subsidiary module software. | 60 | January 2012 |
| Great Plains | Self-study |  | General ledger and subsidiary module software. | 60 | June 2011 |
| F9 reporting software | Self-study |  | Excel based reporting tool that connects to many general ledger databases | 60 | March 2005 |
| American Fundware | Classroom | American fundware | Fundware budget module in class training in Chicago. | 8 | August 2004 |
| ADP/HR perspective | Classroom | ADP | Software training on HR perspective product. ADP | 7 | May 2003 |
| HTML | Classroom | UMSL microcenter | Introduction to HTML – UMSL micro-computer course. (0.6 CPE) | 0.6 | November 2001 |
| Visual basic | Classroom | UMSL microcenter | Introduction to Visual basic I, II, III. UMSL microcenter courses. | 24 | 2001 |
| Blackbaud fundraising | Self-study |  | Fundraising/customer contact software for non-profits | 60 | July 2000 |
| Blackbaud general ledger | Self-study |  | General ledger & reporting software for non-profits | 60 | June 2000 |
| Access |  |  | Wrote application for a painting contractor to create bids from takeoff plans. Modified SQL code from query builder and used a little VBA code for buttons. | 80 | 1999 |
| Database normalizing | Self-study |  | Concepts from Wroxsoft book and applied knowledge in creating a bidding application for a painting contractor | 15 | 1998 |
| Access | Guided self-study | Wroxsoft | Followed “Teach yourself Access in 21 days” book from Wroxsoft. | 63 | 1998 |
| Novell administration | Classroom | Wave Technology | Administration for NetWare 3.x. Wave Technologies. | 24 | December 1995 |
| Infomed on-site training | Classroom | Informed | Medical/charting/billing software for Home Health agencies. Ran on MUMPS operating system. In class training in Florida. | 24 | July 1992 |
| American Fundware – self taught | Self-study |  | General ledger, billing, accounts receivable and payable software | 100 | 1991 |
| Zoom | Self-study |  | Was company administrator. | 8 | February 2020 |
| Excel | Self-study |  | Advanced user. Use vlookups, sumifs, and what-if analysis. e.g. built interactive budget models and pension model for defined benefit plan that comes within 1% of actuarial numbers. | 60 | 1997-2017 |
| COBOL | Classroom |  | One hour introductory course at University of Nebraska | 1986 |  |
| Word | Self-study |  |  |  |  |
| Outlook | Self-study |  |  |  |  |
| Visio | Self-Study |  |  |  |  |
| Powerpoint | Self-study |  |  |  |  |
| Google hangouts | Self-study |  |  |  |  |
| Skype | Self-study |  |  |  |  |
|  |  |  |  |  |  |