**Steven D. Carver**

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**SUMMARY STATEMENT**

Nineteen years of collegiate teaching experience using traditional face-to-face, synchronous (Zoom), and on-line delivery methods in information technology and computer science courses using Canvas and BlackBoard as the LMS. Additional responsibilities of course development, participation on curriculum committee for college governance, student advising and registration assistance. Personable communication skills effective with students; administration staff; executive, technical, and business professionals. Fifteen years of experience in both IBM mainframe and PC software development experience in the Manufacturing Industry on systems including ERP Control Manufacturing, Order Entry, Accounts Receivable, Purchasing, Inventory Control, and Shop Data Collection. Have significant Leadership, Transferable, and Technical skills.

**EDUCATION**

Oakland City University, Oakland City, Indiana **May 2021**

Doctor of Education, Educational Leadership, Curriculum and Instruction

Indiana University, Indianapolis, Indiana **October 2019**

Master of Science, Health Informatics

Purdue University, Indianapolis, Indiana **August 2006**

Master of Science, Computer Science

Thesis: Network Diagram Automation Using a Bayesian Network Classifier

Indiana University, Kokomo, Indiana **December 1993**

Bachelor of Science, Data Processing and Information Systems

Purdue University, Kokomo, Indiana **May 1988**

Associate of Applied Science, Computer Programming Technology

**EMPLOYMENT HISTORY**

**Ivy Tech Community College of Indiana, Indianapolis, IN**

**Professor (F5) 2019 - Present**

**Assistant Program Chair 2015 – 2019**

**Associate Professor (F4) 2009 – 2015**

**Assistant Professor (F3) 2007 – 2009**

**Instructor (F2) 2003 – 2007**

* Teach courses, online and traditional, in Software Development in Java, C#, Python, and VB using IDE’s of Visual Studio, Android Studio, NetBeans, and Eclipse.
* Manage five to seven adjunct faculty assisting in teaching Software Development courses.
* Assistant State-Wide Vice Chair of Software Development Curriculum Committee.
* Mentor for course SDEV240 – C# Programming.
* Prepare and deliver lectures, write and grade laboratory assignments and examinations, and assist 100-120 students in five sections of the above courses.
* Advise and administer registration for students in School of Information Technology.
* Attend advisory council and NSF grant meetings.
* Online and traditional course development.
* Attend and volunteer for State-Wide IT Challenge Competition.
* Volunteer for Student Recruitment at Indiana Association of Home Educators convention.

**Rexnord Corporation, Indianapolis, IN 1995 - 2002**

**Power Drives/Motors and Industrial Chains/Bearings Manufacturer**

**Business/Systems Analyst**

* Developed and maintained CICS and batch COBOL programs and Mantis programs in support of Cincom’s ERP Control Manufacturing System.
* Supported local plant's (Bearing Indy) Shop Data Collection system as well as various product configurators for multiple plants using VB 6.0 and CICS COBOL programs.
* Developed using VB 6.0 an application for Bearing Indy’s Lean Mfg Project.
* Designed and maintained a VB 6.0 application for interfacing to Product Configurators.
* Implemented all 13 plants on release 7.5.1. Used Extra’s Vbscripting Language to automate conversion of approximately 4,500 JCLs and compile 4,500 OS/390 COBOL programs.
* Developed VBscripts to decrease JCL development time from 160 man-hours to 40 man-hours and to automate other repetitive day-to-day tasks using Extra’s VBScripting Language.
* Standardized corporate commodity codes and vendors via Dun & Bradstreet numbers to reduce corporate spend on purchased products using CICS COBOL and Mantis programs along with MVS JCL, Utilities, and an MS ACCESS Database.
* Implemented new plants on current release of Control Manufacturing using MVS JCL and Utilities.

**Ivy Tech Community College of Indiana, Indianapolis, IN 1998 - 1999**

**Adjunct Instructor**

* Taught course in Introduction to Logic and Programming using QBasic text.
* Prepared and delivered lectures, wrote and graded laboratory assignments and examinations, and assisted 25-30 students as needed.

**American United Life Insurance Company, Indianapolis, IN 1994 - 1995**

**Programmer Analyst**

* Developed, maintained programs for Electronic Forms System using COBOL II.
* Developed a Paradox Database application for Group Insurance division.
* Supported 200 users in Group Insurance division.

**Haynes International Inc., Kokomo, IN 1988 – 1994**

**High-Tech Alloy Manufacturer**

**Senior Programmer**

* Designed and developed programs for Order Management Billing System, including sub-systems of customers, orders, pricing, invoicing, and quotes, to be compatible with EDI ANSI standards using Mantis, CICS, and batch COBOL programs.
* Developed programs for Purchasing Stores Accounts Payable System, including sub-systems of vendors, stores, and purchase orders, to be compatible with EDI ANSI standards using Mantis, CICS, and batch COBOL programs.
* Maintained programs for Automated Test Data System and analyzed results from multiple tests, including Bend, Tensile Strength, Hardness, and Chemical, using CICS COBOL programs.

**LICENSES / CERTIFICATIONS**

**Oracle Academy Certification 2016**

Java Programming, Oracle Academy

**White Belt Certification 2016**

Fundamentals of Quality, Continuous Improvement, and Team Dynamics

**Certificate of Recognition 2007-2008**

Master Teacher Award, Academy for Instructional Excellence

**Online Faculty Certification 2007**

Training for Online Teaching, Ivy Tech Community College of Indiana

**Certificate of Achievement 2000**

Microsoft Certified Technical Education Center

**Certificate of Continuing Education 1997**

Rockhurst College Continuing Education Center, National Seminars Group

**Certificate of Appreciation 1994**

American United Life Ambassador for the United Way of Central Indiana

**PROFESSIONAL AFFILIATIONS / DEVELOPMENT**

Member of Association of Collegiate Business Schools and Programs (ACBSP)

Teaching Excellence Symposium (NISOD)

NACADA Academic Advising Training, 2007

Ivy Tech Community College of Indiana

**COMMUNITY SERVICE / INTERESTS / ASSOCIATIONS/ HONORS / AWARDS**

**Calvary Bible Methodist Church 2015 – Present**

Children's Ministry Leader

**Calvary Bible Methodist Church Member 2009 – Present**

**Springhurst Health Campus (Nursing Home) 2018 – Present**

Volunteer at Monthly Service via Calvary Bible Methodist Church

**Victory Chapel (Victory Inner City Ministries) 2008 – 2009**

Church Board Member and Treasurer and Adult Sunday School teacher

**Calvary Bible Methodist Church Member 2003 – 2007**

Church Board Member 2006 – 2007 and Adult Sunday School teacher

**Brownsburg Christian Church 1997 – 2002**

**Crestview Christian Church 1993 – 1997**

Community Life Ministry Leader

**Habitat for Humanity 1994**

Volunteer

**Boy Scouts of America 1978 – 1999**

Rank of Eagle, 1984

**Volleyball 1988 – 1993**

Intramural YMCA Leagues

**LEADERSHIP SKILLS**

Honesty and Integrity Confidence

Creativity and Innovation Decision-Making Capabilities

Inspirational to Others Commitment and Passion

Good Communicator Delegation and Empowerment

Accountability Empathy

Continuous Learner Teachable

Humble Friendly

**TRANSFERABLE SKILLS**

Analytical Caring Committed Concerned Problem Solver

Creative Dependable Good with people Efficient Reliable

Hard worker Honest Team Player Productive Quick learner

**TECHNICAL SKILLS**

**HARDWARE:** IBM Mainframe PC’s

**OPERATING**

**SYSTEMS:** MVS/ESA Window 10

**LANGUAGES:** OS/390 Java, C#, VB.Net 2015, and Python

COBOL (CICS and Batch) EXTRA’s VB Scripting Language

Mantis IRMA Scripting Language

MVS JCL and Utilities C++ / OpenGL

**SOFTWARE:** ROSCO Panvalet

Control Manufacturing IRMA, Attachmate Extra (emulators)

Intertest Expediter

BMS/GT TSO

Deliver/View Supra DB

Office 2016 Gimp

Weka Blackboard and Canvas (LMS’s)

Visual Studio Android Studio

IDLE NetBeans

Eclipse Atom

**LIST OF BOOKS READ IN LAST THREE YEARS (BEST OF)**

Alpert, D. R. (2018, September). *Cultural Diversity in the Workplace*. Retrieved from www.diversityresources.com: https://www.diversityresources.com/cultural-diversity-workplace/

Ann, C. (2018, May 16). *ten-greatest-leaders-of-all-time*. Retrieved from www.industryleadersmagazine.com: https://www.industryleadersmagazine.com/ten-greatest-leaders-of-all-time/

Cimino, A. (2017). *The Story of Codebreaking.* London: Arcturus Publishing Ltd.

Figliuolo, M. (2016, July 27). *12 Characteristics-of-Great-Leaders*. Retrieved from http://www.thoughtleadersllc.com: http://www.thoughtleadersllc.com/2016/07/12-characteristics-of-great-leaders/

Foer, F. (2017). *World without Mind: The Existential Threat of Big Tech.* New York: Penguin Press.

Foer, J. (2011). *Moonwalking with Einstein: The Art and Science of Remembering Everything.* New York: Penguin Press.

Gladwell, M. (2002). *The Tipping Point : How little things can make a big difference.* Boston: Back Bay Books.

Gladwell, M. (2008). *Outliers: The Story of Success.* New York: Little, Brown and Co.

Jones, T. P. (2009). *Christian History Made Easy.* Torrance, CA: Rose Publishing.

Kotter, J. (2009). *A Sense of Urgency.* Boston: Harvard Business Press.

Kuppler, T. (2015, May 13). *workplace-culture-vs.-climate-why-most-focus-on-climate-and-may-suffer-for-it*. Retrieved from www.humansynergistics.com/blog/culture-university/details/culture-university: https://www.humansynergistics.com/blog/culture-university/details/culture-university/2015/05/13/workplace-culture-vs.-climate-why-most-focus-on-climate-and-may-suffer-for-it

McKay, S. (2012). *The Secret Lives of Codebreakers: The Men and Women Who Cracked the Enigma Code at Bletchley Park.* New York, NY: Penguin Books Ltd.

Sinek, S. (2011). *Start with Why - How Great Leaders Inspire Everyone to Take Action.* New York, NY: Portfolio.

Tiner, J. H. (2004). *The World of Mathematics.* Green Forest, AR: Master Books.