

# Glenn P. Williamson, PMP, CSM, CPC

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## Professional Summary

With over 10 years of combined experience in teaching and program development, I specialize in innovative methodologies, cutting-edge technologies, and industry trends in Computer Science, Organization Behaviors, Digital Transformation, and Business Administration. I am distinguished by strong leadership, continuous improvement, and engineering excellence, with a commitment to fostering a cohesive learning environment that inspires students to achieve higher levels of success.

## Key Skills

Project Management  
Classroom & Virtual Training Facilitation  
Time Management & Innovation  
Online Retail Management & eCommerce  
LMS: Moodle, Blackboard, Canvas

Curriculum Development & Instructional Design  
Professional Coaching (CPC)  
Business & Technical Problem-Solving  
Computer Information Systems  
Video Conferencing: Zoom, Teams, Google Meet

## Qualification Summary

- **Leadership & Excellence:** Renowned for strong leadership, continuous improvement, and engineering excellence, with a proven track record of meeting strategic goals and delivering successful results.
- **Teaching & Student Success:** Respected for fostering a cohesive learning environment and inspiring students to achieve higher levels of success, while being committed to student completion and academic mission.
- **Innovation & Time Management:** Proficient in time management, with a passion for innovation in online retail management, eCommerce, and Computer Information Systems.
- **Teaching Dedication:** Recognized for high motivation and dedication to teaching, with exceptional performance in course instruction and execution.
- **Industry Collaboration:** Detail-oriented and skilled in navigating business and technical environments, with a focus on solving real-world problems. Adept at building relationships with businesses and community organizations to create supportive industry pathways.

## Professional Experience

### Arizona State University | Engineering Director | 2022 – 2024

- Focus: Coaching, Software Engineering Concepts, Organization Behaviors, Cloud Computing, Product Development, Ersa Geo Spatial, Microsoft Tools / SharePoint / Access, Database Fundamentals
- Led the organization's engineering training and education initiatives, emphasizing fundamental software engineering practices.
- Created an engagement strategy that fostered a learning organization, resulting in a 60% performance increase for our 12 to 18-month roadmap.
- Developed an innovative teaching method that aligned our project-based learning approach with other divisions within the university.

**Grand Canyon University | Computer Science Adjunct Professor | 2017 – 2019**

- Designed the computer programming curriculum that includes abstraction, algorithms, data structures, distributed environments, databases, and web development using Spring
- Taught over 150 students software engineering fundamentals, including functional and object-oriented styles of programming and computation models within multiple programming languages (e.g., Java SE/EE, PHP, Python, SQL, C/C++, Ruby, Assembly).
- Pioneered and implemented a Big Data and Cloud Computing curriculum, successfully exposing the university and students to advanced data concepts and technologies.

**Benedictine University | Computer Science Adjunct Professor | 2016 – 2017**

- Applied core tenets of computer systems programming, CPU design, and performance tuning, such as program optimization, memory hierarchy, caching, concurrency, and networking.
- Provided expert-level instructional learnings on how to design readable, maintainable, efficient, and elegant distributed and large programs within the technology industry.
- Taught over 30 students the core competencies of the above courses.

**San Jose City College, | Computer Science Adjunct Professor | 2014 – 2016**

- Designed courses focusing on algorithms for sorting, searching, string processing, and graphs usage models and best practices.
- Introduced C/C++ compilers, memory management, performance, intrinsic, object-oriented, and JNI concepts in real-world situations.
- Conducted laboratory activities that reinforced and expanded learning of principles introduced in lectures, focusing on power and performance, system to software interaction, and memory management.

**Other Relative Experience:**

Software Engineering and Cyber Security Leader, Cogent Communication, Washington, DC.

Head of Engineering and Project Management, Estee Lauder Companies, New York, NY

Director of Cloud and Platform Engineering, Twitter, San Francisco, Ca

Director of Software Engineering and Data Integration, PetSmart, Phoenix, AZ

VP of Software Engineering and Strategic Initiatives, CommerceHUB, Albany, NY

Director of Software Engineering and Business Operations, Intel Corporation, Chandler, AZ

**Education**

**Master of Engineering Degree, Software Engineering**, Arizona State University

**Master of Business Administration Degree, Technology Management**, University of Phoenix

**Certification in Organizational Management and Strategy**, Tuck School of Business at Dartmouth

**Bachelor of Computer Science Degree**, Tuskegee University

**Certification:** Certified Project Management Professional (PMP); Certified ScrumMaster (CSM);

Certified Professional Coach (CPC); Certified Information Security Manager (CISM)

**Professional Memberships**

Kappa Alpha Psi Fraternity Inc. (Member)	Project Management Institute (Member)
National Society of Black Engineers (Member)	Association for Computing Machinery (Member)