

Clinton A. Staley, Ph.D.

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Professional Experience

Professor of Computer Science, University of Austin (UATX) *2025- present*

Professor of Computer Science, Principia College, Elsah, IL *2016-2025*

Instructor of courses in web development, software engineering, programming languages, machine learning, data science, graphics, assembly, embedded systems, OO design, operating systems, and circuits. Assisting in modernizing the Computer Science curriculum and adding new course content.

Professor Emeritus, Computer Science, Cal Poly, San Luis Obispo *2021-present*

Professor of Computer Science *1993-2021*

Associate Professor of Computer Science *1988-1993*

Instructor of courses in web development, deep learning, database, object-oriented design in C++, algorithms, and GUI applications.

CEO/President, Software Inventions, Inc *1993-2022*

Conduct research on educational software and content, and manage software development teams of Computer Science students for outside clients.

Engineering Director, CreateSpace, an Amazon subsidiary *2005-2008*

Responsible for hiring and project management for all software development activities at CreateSpace. Built and trained a team of developers and managers, including many Cal Poly students. Responsible for design and management of construction of a sophisticated website (wwwcreatespace.com) and associated DVD-duplication process automation software.

Co-founder and VP Software Development, CustomFlix Labs *2002-2005*

Position held prior to acquisition by Amazon. Built CustomFlix software development shop from scratch, including hiring of personnel, organizing office space, determining architecture of CustomFlix software and establishing company software development standards and processes.

Co-founder, Vizolutions *1998-2007*

Assembled and directed teams of students developing software for petroleum industry.

Engineering Manager, Terran Interactive *1998-2002*

Directed San Luis Obispo research group for Terran Interactive (acquired by AutoDesk in 2001). Assembled a team of Cal Poly students to develop image processing and audio DSP modules.. Duties included team management as well as individual efforts in algorithm research, patent preparation, software design, programming and testing.

Education

Ph.D., Electrical and Computer Engineering, U.C. Santa Barbara

M.S., Computer Science, U.C. Santa Barbara

B.A., Mathematics and English, Principia College, Elsah, IL