

软件工程



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As an industry practitioner and manager, Dr. Pressman worked on the development of CAD/CAM systems for advanced engineering and manufacturing in aerospace applications. He has also held positions with responsibility for scientific and systems programming.

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In addition to consulting services rendered to many Fortune 500 clients, R-S. Pressman & Associates, Inc. markets a wide variety of software engineering training products and process improvement services. The company has developed a state-of-the-art video curriculum, Essential Software Engineering, which is among the industry's most comprehensive treatments of the subject. Another product, Process Advisor, is a self-directed system for software process improvement.

Dr. Pressman is author of many technical papers, is a regular contributor to industry periodicals, and is author of six books. In addition to Software Engineering: A Practitioner's Approach, he has written Making Software Engineering Happen (Prentice Hall), the first book to address the critical management problems associated with software engineering process improvement, Software Shock (Dorset House), a treatment of software and its impact on busi-

ness and society, and A Manager's Guide to Software Engineering (McGraw-Hill), a book that uses a unique Q&A format to present management guidelines for instituting and understanding the technology. Dr. Pressman is on the editorial boards of American Programmer and IEEE Software, and is editor of the "Manager" column in IEEE Software. He is a member of the ACM, IEEE, and Tau Beta Pi, Phi Kappa Phi, Eta Kappa Nu, and Pi Tau Sigma.

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