



**Quantum Consulting**, Software Development  
*Computer Programmer* Berkeley, California  
Implemented user interfaces for energy usage forecasting software. 1990-1991

RESEARCH **Xerox PARC**, System Sciences Lab  
*Research Intern* Palo Alto, California  
Designed features for intelligent augmentation of electronic handheld service manuals for customer service technicians. Observed technicians at customer sites. May - Aug 1991

*Research-Engineering Liaison* Rochester, New York & Palo Alto, California  
Investigated opportunities for scientists at research division to collaborate with engineers in manufacturing unit. Collected stories from fourteen product engineers. Uncovered thirty potential research projects. Submitted recommendations to research scientists. 1991-1992

MECHANICAL **Xerox Corporation**, Mechanical Technology Development  
ENGINEERING *Project Engineer* Rochester, New York  
Investigated advanced copier finisher technology for neatly stacking paper. Optimized performance using *Quality* (Taguchi) experimental design techniques. Lead brainstorming and concept refinement team—resulted in five U.S. patents. Taught brainstorming and concept synthesis techniques to other engineers. Lead team in benchmarking competitive technologies. Through fixing copiers at customer sites, learned sympathy for customer service technicians and sales personnel. 1987-1990

**Westinghouse Electric Corporation**, Marine Division  
*Safety Engineering Assistant* Sunnyvale, California  
Assisted human factors engineer in program implementation, hardware design critique and mechanical system analysis. Interviewed fourteen design engineers to assess subsystem failure modes in capsule launching system. Jun - Aug 1986

## Other Accomplishments

PATENTS U.S. Patent 5,120,047. June 9, 1992. Integral Sheet Stacking Buckle Suppressor and Registration Edge.  
U.S. Patent 5,120,046. June 9, 1992. Automatically Spaced Sheet Stacking Baffle.  
U.S. Patent 5,127,643. July 7, 1992. Automatic Copy Sheet Selection Device.

VOLUNTEER **Assisted blind computer science graduate student with reading and library tasks; built houses**  
WORK with Habitat for Humanity; week long service in Appalachia among rural poor.

FAVORITE **Jenny in *Company*; Maria in *Twelfth Night*; Mrs. Pearce in *My Fair Lady*.**  
ROLES

INTERESTS **Figure drawing, singing, acting, literature, design, martial arts.**