

## Irena Szrek

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### Summary

Principal in a technical company servicing global lottery industry. Experienced software manager of international product development, project delivery and software support teams. Skilled in forming and leading cross-functional teams, developing implementation plans, delivering quality product on time and budget, providing high level of customer satisfaction and designing new or improvement processes.

### Professional Achievements

- Launched and managed a successful company providing technology to the lottery industry
- Introduced innovative and competitive products to market, and created effective lifecycle processes for products.
- Organized and managed international software support organization of 80 professional staff and increased customer satisfaction.
- Acted as liaison between technical staff and business staff, secured contract awards.
- Formed well-performing international technical teams and introduced cost-effective and quality processes.
- Successfully managed and contributed to professional cross-functional teams.

### Experience

- Szrek2Solutions LLC** Supplier of products and services for gaming industry.  
2002-Present **Managing Director and Partner, RI, USA**  
Principal in international company dedicated to secure solutions for the lottery industry. Company offers innovative products and consulting services in the areas of transaction system and data security, RNG, system architecture and design, game design, and system requirements definition and analysis. Co-designed a unique secure patented technology called RUN+A (Random Unpredictable Numbers with Audit and several other patents with application in lottery industry. Collaborated in creation of a RNG platform and a suite of trusted products including Trusted Play™, Trusted Draw™, Trusted Audit™, Trusted Monitor™. Secured several contracts. Company delivered trusted products to a number of lotteries in the US and internationally
- GTECH Corporation** Global market leader in on-line transaction processing lottery systems.  
1998 – 2002 **Software Program Director, Product Development, Warsaw, Poland**  
Formed and managed a development team of 12 software and QA engineers that created and delivered to domestic and international customers a quality, innovative and competitive software product, compatible with multiple system platforms. Designed and implemented product lifecycle processes resulting in 10-40% cost reductions. Last year also managed product development and baseline support for 1 of 2 GTECH's main system platforms.
- 1996– 1998 **Consulting Engineer, Systems Engineering, RI, USA**  
Responsible for system engineering of a new low price GTECH terminal product, from concept through product design and development, to its deployment at a customer location. Also involved in other new software product programs and in administering improvements of software product processes.
- 1992 – 1995 **Director, Software Services, European Software Services, Brussels, Belgium**  
Responsible for setting up of European software support organization of 80 software professionals. Established structure and processes for software services, improved customer satisfaction and working with Sales secured several beneficial software support contracts to support European market growth.
- 1990 – 1992 **Manager, Software, Central Europe Software Services, RI, USA**  
Responsible for pre-sale software and systems support for Central and Eastern Europe. In charge of software system delivery to Polish Lottery and responsible for hiring and establishing software support team in Poland.
- 1984 – 1990 **Manager, Terminal Applications, Software & Systems Development, RI, USA**  
Responsible for creation and management of a terminal application team, providing design, development, delivery and support of terminal embedded applications on multiple platforms for customers. Overseeing new software design processes throughout terminal architecture evolution. Delivered terminal application software to domestic and international customers.
- 1981 – 1984 **System Analyst / Programmer, RI, USA**  
Designed and developed terminal application software for first generation of GTECH intelligent lottery terminals, starting with prototypes to product delivery to domestic and international customers.

**Crompton Industries** Supplier of business systems.  
1980 - 1982 **System Analyst / Programmer, RI, USA**  
Business application programming and customer support

## **Education**

1973 - 1976 **Warsaw University, Poland**, Faculty of Mathematics & Computer Science  
BS in Computer Science  
1977 -1978 **Warsaw University, Poland**, Faculty of Mathematics & Computer Science  
MS in Computer Science

**Languages** English, French, Polish, Russian

**Hobby** Biking, Skiing, Sailing, Art