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# PHILIP A. CANNON II

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## OBJECTIVE

Seeking a Chicago based technical position in a technology organization either in product development, customer applications or sales & marketing technical support. Willing to travel.

## EXPERIENCE

### **Fairfax Imaging, Imaging Systems Engineer, December 2003 to present**

Project manager implementing 100% imaged mail room operation doing 20,000+ orders per day for major mail order company using Fairfax's Quick Imaging Modules. Serve as Technical Lead for a Windows 2000/Visual Basic enterprise wide imaging and perfected OCR based data entry system. Serve as first-point-of-contact for support and responsible to implement upgrades and code changes. Key technologies include Windows 2000 servers, Visual Basic, DB2, IBML ImageTrack scanners and NCR remittance processing.

### **Self-employed consultant, April 2000 to November 2003**

Worked as a consultant developing C++ & Visual Basic with Microsoft Direct-X display tools used in 3-D coordinate measurement and industrial inspection cameras.

Provided services as product development consultant to OCR software developer to automate the processing of HCFA 1500 forms. Developed quality methodologies and performed product requirement reviews, competitive analysis and development project planning.

### **Curran Data Technologies, a Star Technologies subsidiary, Chief of Operations, September 1998 to April 2000**

Operating responsibility for a 30 person data-entry service bureau. Led the development of a C & NT-based OCR (Optical Character Recognition) system for HCFA 1500 data capture. Managed project that doubled productivity by adding edits and dictionaries to automate data capture and perfection of data. Implemented a system of quality and workflow measurement tools to monitor accuracy and productivity.

### **Star Technologies, Director, Business Development, May 1995 to September 1998**

Conducted a study of production imaging and forms processing technologies and industries to identify acquisition candidates. Evaluated processing, high speed scanners and/or capture software companies. Developed a plan to combine three small companies providing production scanning software, a forms processing system and data entry services.

Worked with prospective customers to understand medical image system requirements providing technical direction to Star's engineering organization. Defined requirements for DICOM based digital image archive including user interface for capture, storage and display based on customer's operational workflow. Evaluated off the shelf DAT multi-Terabyte archives to achieve desired modularity and per-image price points.

### **Star Technologies, Executive Account Manager,**

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**September 1988 to May 1995**

Managed Star's General Electric Medical Systems (GEMS) CT OEM business. Responsible for both technical and business aspects of CT reconstruction processor projects addressing cost reductions, four-to-one component reductions and 3-X performance enhancements. Worked closely with the engineering and manufacturing departments of both companies to define development projects. Identified emerging DSP technology as superior to Intel 860 technology for use in reconstruction processors. Conducted product and application training for customer engineering personnel.

**Star Technologies, Senior Consultant,****September 1981 to September 1988**

Developed relationship with GE's CT (Computed Tomography) engineers to learn required CT reconstruction algorithms necessary to build a new processor. Led team that built a new backprojector for CT reconstruction. Worked closely with GEMS 9800 Quick engineering organization to simulate and demonstrate design.

Initial member of design team that developed Star's array processors using gate arrays. Major contributor to ST-100 array processor architecture ensuring performance goals for medical and signal processing algorithms. Provided national level pre-sale technical support.

**Floating Point Systems, Pre-sales Analyst,****October 1978 to September 1981**

Technical pre-sales support and microcode software instructor. Coded scientific applications and benchmarks using array processors. Taught microcoding techniques to customers and implemented a range of scientific and signal processing algorithms for imaging and graphic applications.

**Illinois Institute of Technology Research Institute, Research Engineer, June 1975 to October 1978**

Software and hardware designer for signal and image processing projects in instrumentation and measurement group. Performed extensive assembler and Fortran programming for signal and image processing algorithm development using minicomputers and array processors.

**Early American Industries Association,****1982 to present**

Privately published in May 1999 the 1200 page *Directory of American Toolmakers* using FoxPro, WordPerfect and Acrobat.

**EDUCATION****ILLINOIS INSTITUTE OF TECHNOLOGY**

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*Bachelor of Science, Electrical Engineering, 1976*

*C++ Refresher courses, 2002*

*MFC Programming course, 2003*

*Introduction to 3ds max animation software, 2004*

*Microsoft Office Word, Excel, Access & PowerPoint, 2005*