ALEX BOTVINNIK

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OBJECTIVE

Provide consulting services to organizations that implement DELMIA digital manufacturing solutions within organizations deploying Integrated Product and Process Teams. Aid in the implementation process by delivering ideas & training, defining processes, recommending improvements, troubleshooting manufacturing business problems, and offering simulation services.

To apply my knowledge of People and Product Support across multiple disciplines: Information Technologies, Business Systems, and Manufacturing Engineering; to apply my skills in a friendly, rewarding environment.

EXPERIENCE

SMILING PATIENT DENTAL CARE

Des Plaines, IL   *Operations Officer, 2002-Current*

Leader of organization in charge of all non-clinical aspects of operations. Responsibilities include management of employees, organizational growth and business planning, marketing, professional development, equipment acquisitions, and systems documentation and implementation.

Developed and implemented processes to leverage technologies that help patients understand their treatment needs and the value our office provides.

Facilitated significant, consistent growth since acquisition of dental practice from previous dentist. Planned, designed, implemented, and built construction doubling existing office space with minimal down time under budget, ahead of schedule.

CEREC and inLab trained by Scottsdale Center for Dentistry. Designer of all advanced digital restorations including aesthetic crowns, bridges, abutments, and tibases.

Developed and implemented processes to ensure all appointments are appropriately followed up, documented, and billed appropriately.

VIRTUAL CONTRACTOR CORPORATION

Deerfield, Illinois   *President & Owner, 2004-2008*

Virtual Contractor Corporation addressed a growing need for companies to acquire specific skills in the Virtual Manufacturing Domains. VCC was an outlet for Virtual Manufacturing Employment. VCC brokers contractors, consultants, and direct-hire employees to organizations requiring experience, skills, and education in business process modeling and design, virtual manufacturing, optimizing workflow, assembly simulation services, human factors simulations, and software customization.

DELMIA CORPORATION

Chicago, Illinois   *Senior Applications Engineer, 2000 – April, 2004*

Direct and support the implementation of engineering and simulation technologies in an enterprise configuration. Define and deliver executive and technical presentations for aerospace, automotive, shipbuilding, and consumer goods industries. Lead multi-site pilot project team through implementation. Tasks also include creating and executing project plans, proposals, training, customizations (through custom software code and interfaces), communicating technical customer requirements to internal development teams, and customer support. On-site consulting defining and refining manufacturing process enhancements though the implementation of lean manufacturing solutions throughout the life cycle of any given product. Provide collaborative manufacturing solutions for Integrated Product and Process Teams to document.

THE BOEING COMPANY

Phantom Works, Seattle WA   *Technical Designer, 1999 - 2000*

Project and implementation manager for software pilot initiated at enterprise level to map business processes, generate functional requirements, then evaluate, test, and develop vendor Digital Process for Manufacturing software; subject matter expert in 3D Virtual assembly & integration simulation. Define, refine, and communicate master build plans. Hardware manager.

X-32 Joint Strike Fighter   *Manufacturing Engineering Planner, 1997-1999*

Product Support, Phantom Works CA	**Design/Define/Plan, Seattle WA**
• Interface with MRB Engineering • Technical guidance and leadership to X-32 Assembly Team through knowledge of design, tooling, planning, and manufacturing tasks • Evaluate/define schedule impacts due to part availability, critical path, and available resources • Know and understand customer's needs through constant and open communications with mechanics, shop supervisors, and JSF Seattle. • Thorough knowledge and understanding of Heritage Boeing business systems and specifications. • Coordinate with Engineering and inventory management to validate component part requirements for aircraft modifications. • Define Manufacturing Engineering process and procedures	Plan Electronic Work Instructions directly contributing to a 2 month early JSF build start using state-of-the-art 3D assembly simulations • Verify new release and design changes for accuracy, completeness, fabrication, and producibility • Create and maintain procurement and manufacturing plans • Coordinate with Engineering, inventory management and buyers to have correct hardware delivered on schedule and in stock • Integration of Electronic Work Instructions, hardware management, business, and computing systems • Innovated and incorporated C/WIP's (Weight savings realized)

UNITED STATES AIR FORCE, WASHINGTON AIR NATIONAL GUARD

Satellite & Wideband Communications Equipment Technician, 1995-2003

Installation, configuration, and maintenance of HF and SHF communications equipment operating in LOS, TROPO, and Satellite configurations.

ADVANCED BY DESIGN SALES AND CONSULTING   *Owner, 1996-1997*

Custom-built computer systems, hardware and software configurations. Educational computer training to mass audiences.

COMPUTER SKILLS

Engineering and Simulation	Additional Computer Skills
• Dassault Systemes PLM Solution, including CATIA, DELMIA, and ENOVIA • Virtual Product Environments - CAD, High-End & Low-End Visualization • PDM – Windchill, Metaphase, Optegra • ME Business Systems - Single Source of Product Data • Desktop Configuration Team Member • Beta Product Tester • Lead computer consultant during unsupported helpdesk hours • Knowledgeware for manufacturing assemblies	• Operating Systems - *Microsoft Windows OS's, UNIX, IRIX, LINUX, DOS* • Network Systems - *WAN/LAN , Dialup Networking, TCP/IP* • Software - *Multiple generations of Microsoft Office, Exchange/Outlook, Schedule, Publisher, Corel Word Perfect Suite, Adobe PhotoShop, Corel Graphics Suite, and Multilingual Systems* • Hardware - *Ground up computer configuration, hardware troubleshooting, SCSI* • Programming –*VB, VBScript, C, C++, C#*

EDUCATION AND LANGUAGES

FLUENT IN ENGLISH AND RUSSIAN

SCOTTSDALE CENTER FOR DENTISTRY
CEREC LEVEL 3,4,5

UNIVERSITY OF PHOENIX   *Information Technology, 1999 - 2003*
Programming and Operating Systems

NORTHEASTERN ILLINOIS UNIVERSITY   *Computer Science, 1993 - 1997*
Honors Program Scholarship
Talent Scholarship, Stage theater sound for multiple productions

COMMUNITY COLLEGE OF THE AIR FORCE   *Electronic Principles and Technology*

THE BOEING COMPANY
Leadership Development Program and approximately 600 hours of off-hour training

DOD Secret Clearance (Expired November 2003)