RICHARD T. KIOK

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WORK EXPERIENCE

PricewaterhouseCoopers, Management Consulting (New York, NY) 2000-2001
Consultant (Human Resources Data Warehouses)
- Directed the system/integration test of an online benefits enrollment system and Plumtree portal. Developed scenarios to test the system based on design and functional specifications. Coordinated testing among 100 people from six client groups and an independently contracted customer service company. Concurrently tested the Interactive Voice Response (IVR) phone system.
- Managed the development lifecycle of the client/server reporting solution for a human resources data warehouse used to determine employee headcount. Developed over 60 reports in Cognos Impromptu 5.0. Researched data from source systems including PeopleSoft HRMS. Created Informatica mappings for staging and dimension tables of a star schema.
- Trained end-users in the use of employee portals and data warehouse reporting systems. Led classroom instruction and created documentation based on specifications and hands-on experience.
- Implemented HTML, JavaScript, XML, CORBA, Servlets, Enterprise Java Beans, and ATG's Dynamo in an online e-commerce project involving dynamic updates of 'shopping cart' information, available stock, and price calculations.

Journal of Young Investigators, Inc. (http://www.jyi.org/) 1998-2000
President and Chief Executive Officer (1999-2000)
- Conducted the operations of the premier peer-reviewed undergraduate science journal. Supervised a staff of approximately 40 undergraduates from 30 colleges and universities across the country.
- Developed critical marketing, financial, business, and recruiting strategies to strengthen the organization's position as the eminent undergraduate research journal. As a result, staff and institutional representation grew by 10%, paper submissions increased by approximately 25%, and a new "Features" section was added in order to add new content and more variety for our readers.
- Installed the infrastructure for long-term growth and viability including: creating the JYI Bylaws; incorporating to reduce personal liability; and receiving IRS 501(c)(3) tax-exempt, non-profit status.

Cytometrics, Inc. (Philadelphia, PA) 1998-2000
Finance/Marketing Assistant and Engineering Associate
- Maintained the corporate website (http://www.cytometrics.com/) and trained people in HTML syntax.
- Worked with a team of 20 software engineers to develop, edit, and run image analysis algorithms for an instrument designed to non-invasively measure blood properties.

TECHNICAL PROFICIENCY

Programming Languages and Software
- HTML, Java, J Builder, Matlab, XML, JavaScript, Servlets, C, and Turbo Pascal.

Database and Data Warehousing Tools
- SQL, SQL Navigator, SQL Plus, Cognos Powerplay and Impromptu, Informatica, and FileMaker Pro.

EDUCATION

University of Pennsylvania (Philadelphia, PA) 1998-1999
Master of Science in Biotechnology

University of Pennsylvania (Philadelphia, PA) 1995-1999
Bachelor of Science in Engineering / Bioengineering
- Senior Design Thesis: "Analysis Software for the Photon Migration Amplitude Cancellation Portable Breast Tumor Imaging System Developed in Matlab."
- Teaching Assistant, BE-324 - Chemical Basis of Bioengineering II.
- President, Society of Bioengineering (SoBE) and VP, Hexagon Senior Society for Engineers.
- Engineers' Club of Philadelphia Young Engineer Award recipient, 1999; Hugo Otto Wolf Memorial Award recipient, 1999; and Society of Bioengineering Officer of the Year, 1997-1998.

Cranbrook Kingswood Upper School (Bloomfield Hills, MI) 1992-1995
High School Diploma.