

Ray Fyhr

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Summary of Qualifications

- Cutting edge software developer with proven record of delivering innovative solutions
- Easily adapts to new corporate cultures and development methodologies
- “Quick Study” with regards to evolving technology and subject matter expertise
- Readily provides solutions to complex information technology problems
- Actively participated in every phase of the SDLC
- Extensive experience in operations research and large scale data analysis
- Created many real time performance improvements of 10 to 100 fold

Relevant Skills

Languages	C, C++, Java, Perl, Python, VB, C#, MS VS “.net”, Xcode, Dash Code, JavaScript, D3.js, lex, yacc, SQL, sqlplus, plsql, FCIF, XML, HTML, CSS, Jason, ksh, sed, awk
Operating Systems	UNIX, Linux, and Windows most variants and many versions
Data Base Software	Oracle, Navigator, TOAD, Sybase, Access, Sql Server, Teradata, ERwin
Math Modeling and Optimizing Tools	KMPS (Karmarkar Math Programming System), Bipartite matchers, CPLEX, OSL, simulated annealing, alpha-beta pruning, fuzzy logic, BigML

Professional Experience (select for details)

FyhrHouse Consulting - 11/2013 to present

Merck Research Labs - 1/2006 to 11/2013

Polaris Software Lab - 10/04 to 1/06

MindTrust Consulting - 12/03 to 6/04

TechLink Consulting - 8/03 to 11/03

MindTrust Consulting - 3/03 to 8/03

ATP Inc. - 10/02 to 1/03

Perii Systems, Inc. - 6/02 to 10/02

Advanced Technology Solutions - 2/02 to 6/02

Information Technology Partners - 3/01 to 1/02

Advanced Technology Solutions - 9/95 to 3/01

Telecommunications Premium Srvcs - 2/95 to 9/95

PATH (Port Authority Trans Hudson) - 1991 to 1995

AT&T Bell Labs, ADSS - 1989 to 1992

AT&T Info Systems DSG- 1984 to 1989

Mellon Bank - 1983 to 1984

Papers and Industry Presentations (select to download)

- RCMS paper - “An algorithm for identifying multiply modified endogenous proteins....”
- Keynote - Third International Conference on Proteomics & Bioinformatics
- Keynote - Bio-IT World 2012, Boston, MA “Bioinformatics & the Cloud”
- Poster - HUPO 2012 11th Annual World Congress, Boston
- First WiFi PDA/Scanner in a Research LIMS
- MetID tool for optimizing oligonucleotide research

Education

- Colgate University, Hamilton, New York, B.A. Liberal Arts
- New York Inst. of Tech., Old Westbury, N.Y., M.S. Computer Science (with distinction)
- Member of the ACM - Association of Computing Machinery