

## John Alexander Bartucz

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### Education:

[University of Minnesota](#) class of 2007

Masters in Computer Science

**Focus:** software engineering & technology management

[Princeton University](#) class of 1997

Bachelor of Science in Engineering

**Major:** [Computer Science](#)

### Work Experience:

[John Bartucz Consulting](#)

2005 – 2007 - Rochester, MN

**Vacava Inc. Project Manager** (<http://www.vacava.com>)

- IBM North America internal online hardware order management software
  - First line response to IBM bug reports and change requests
  - Managed team of developers and testers in US and India
- Began development of web-based fundamental research tool for hedge funds

**E-Commerce Web Site Design** (<http://www.bottlenotes.com>)

- Developed database and interfaces using C++ and .NET
- Integrated Verisign Credit Card Acceptance and Storefront.NET

**Lumber-Net Partner**, (<http://www.lumber-net.com>)

- Software, Sales and Personnel Management
- Inventory tracking, management and accounting software for lumber and framing industries
- Connects seamlessly to Timberline Estimating Software and Microsoft Great Plains Accounting Software

[Provident Advisors, LLC](#)

2003 – 2005 - Rochester, MN and Wayzata, MN

Director of Quantitative Executions

- Directed research and implementation into electronic order execution, approx 20,000 orders/day
- Developed real-time tick database using data from Reuters BridgeFeed
- Built and maintained relationships with vendors, brokers and systems support
- Implemented and maintained a real-time, price-driven order creation and management system
- Maintained a commercial Java-Based FIX Engine
- 80% Telecommuting

[Morgan Stanley](#)

1997 – 2003 - New York, NY and London., England

Associate, Process Driven Trading (Proprietary Quantitative Equity and Futures Trading)

- Devised real-time strategies to trade thousands of stocks concurrently for stat-arb models
- Average cost of European equity trades approximately 15 bp, futures trades < 5 bp
- Analyzed the resulting costs of trading using quantitative statistical methods
- Improvements in existing strategies resulted in millions of dollars saved each year
- Implemented and maintained electronic connections to European and US exchanges
- Opened and ran the London office for PDT trading group within Morgan Stanley
- Hired, trained and managed two new employees for London office

### Qualifications

- C/C++, Java, Perl/PerlTk, SQL, MSVC 6.0 and .NET – Java Sun Certification in progress
- UNIX/SunOS-Solaris and Windows 2000, XP and Server 2003
- Basic statistical analysis using SAS/S+
- At one time had Series 7, Series 63 and all major European electronic market certifications

## Lectures

- University of Minnesota, Feb. 2005: “Hardware, Software and the Human Trader”
- University of Minnesota, Nov. 2003: “Designing an Intelligent Agent for Market Simulation”

## Interests and activities

- Crew, national-champion, Head Coach, Rochester Rowing Club (<http://www.rrcmn.com>)
- Photography, web design (<http://www.bartucz.com>, [RochesterRowingClub.com](http://www.RochesterRowingClub.com))
- Classical and Jazz Piano
- Soccer, volleyball, x-country skiing, triathlons, tennis, whitewater kayaking, rock climbing
- Fluent in French

## Volunteer Experience

- **Rochester Rowing Club, 2002-present:** Head Coach
- **Jacqueline Kennedy-Onassis High School, 2000-2002:** Lunchtime mentoring program
- **Home Tutoring, Queens, NY, 2000-2002:** Tutoring local children in all subjects
- **Arnhem Wharf Primary School, 1998-2000:** Tutoring in mathematics
- **NJ Primary, Spring, 1997:** teaching third graders about bridge design and construction
- **YMCA 1990-1993:** general volunteer

## Awards

- **Gordon Sikes Award, most dedicated oarsman, Princeton University Crew**
- **Duke of Edinburgh's Award (Silver Level)**
- **UCC Gold pin - Over 200 hours Community Service**

References available upon request