

Financial Industry Projects and Accomplishments – Martin Dudziak

This work was conducted in the course of performing other job responsibilities and/or individual consulting.

1. Mortgage-backed securities and MBS-related derivatives, trend-spotting and forecasting with neural network and fuzzy logic methods, Crestar Bank (later Sun Trust), 1992-93
2. Interest rate modeling, Wheat First Securities (later First Union) 1993-94
3. Multi-processing and parallel processing algorithm assessment and training, Federal Reserve Bank (Richmond center) 1995
4. Reviewer and evaluator of business plans and technology offerings on behalf of both investor groups and the companies seeking investments, 1995 – 2005 (thereafter, focus was directed purely at my own, namely TETRAD)
5. Evaluator for Intel Capital (as part of employment with Intel Corp.) – focus on Latin American and Russian companies in areas of advanced software, internet, broadband, imaging, and high-demand computing.
6. Business strategy development assistance, as TETRAD, to several and fairly diversified small companies (some of whose products or technologies have been licensed, acquired, or otherwise incorporated and used by TETRAD), 2005 - 2008 – client focal areas included:
 - immunoassay-based biochip for biopathogen detection
 - explosives detection chip and software
 - antimicrobial bioprotection for surfaces and textiles including clothing
 - portable water purification system
 - compact multi-fuel external combustion engine
 - flexible polymers for display and photovoltaic power applications
 - drug development (shock trauma and neurological applications)
 - eco-fashions and "green" textiles
 - air-inflated shelters for protection against blasts or toxic chemical releases

Details can be discussed in the course of a personal interview and with a confidentiality agreement.