

Professional Summary

Veteran coder, financial modeler and team leader. Great team leader for developing and maintaining Web/Mobile Applications, Web Services, Data Services, and APIs. Terrific energy -- earned an MBA at night while working full time.

Technical Skills

- HTML5, CSS3, Responsive UX Design
- JavaScript, OO JS, JQuery, JQuery Mobile
- Twitter Bootstrap & AngularJS
- Java – Lambda, network & multi-threading - JDBC
- PHP & MySQL
- AJAX, JSON, REST
- GitHub
- Eclipse/Spring, Brackets, BlueFish

Professional Experience

Software Engineer, Asheville, NC

2015-Present

I am currently training at Coder Foundry after having independently studied responsive website design, data base integration and mobile applications. Have built a CRM with PHP / MySQL and another Java JDBC incorporating Spring-GUI. Have built photo album display / sales app along with several mobile apps. Using AngularJS & Bootstrap, have built a single-page CRUD contacts database with form validation that is searchable and sortable on both the client & server side.

Financial Modeler, Tulsa, OK / London, UK

1998-2014

As an on-going essential role, wrote dozens of financial forecasting and accounting spreadsheets integrating income statement, cash flow statement and balance sheet for a variety of energy projects and companies ranging from major industrial firms (Koch, United Technologies, GE Capital, Bechtel) to supra-nationals (EBRD) to Clean Tech and Telecoms ventures.

Computer Programmer, Chicago, IL / London, UK

1983-1998

- Lead IT in developing PC-based futures and options trading and hedging software in Pascal and C. Managed 1 full-time and 2 part-time programmers.
 - Integrated live data feed from CBOT into trading system in C.
 - Integrated live hedging program with New York mini-computer mortgage and asset backed pricing and hedging system in C. Coordinated with NY staff of 4-6 programmers / economists.
 - Wrote synthetic options pricing model using forward foreign exchange rates.
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Certifications and Training

(2015) Java 8 Beyond the Basics, Advanced Java Programming, PHP & MySQL Tutorial, JavaScript: Understanding the Weird Parts, Object Oriented Programming with JavaScript, Projects in JavaScript & JQuery, Angular JS: from Zero to Hero – other online tutorials, etc.

Education

(1988) University of Chicago, MBA, Finance & International Business
(1983) Wesleyan University, Connecticut, BA, Latin American Studies / Computer Science minor
(1981) Northwestern University, Fortran course

Technical Writing

Co-authored *Gas Pipeline Threat to LNG Markets*, authored *Interconnected Markets? UK-Belgium gas pipeline*, *Feeding the Cash Cow: UK North Sea*; *Ethanol Equilibrium Pricing*, 2005; *Points of Pressure: Shell in Nigeria*, *LNG: 40 Years and Going Strong*, 2004 (Gas Strategies consultancy); *South Africa, Fixed Income Handbook*, 1995; *Poland, Fixed Income Handbook*, 1994; *New on the Horizon: Spanish MBS*, 1993; *Swedish Mortgage Backed Securities*, 1993 (Lehman); *The Mechanics of Structured Securities*, 1991; *Prospects for International Securitisation*, 1990 (Prudential Securities).

Presentations

California Water Management, Bakersfield, Jan '14; Biofuel Finance & Investment World, London, Nov '06; 6th Annual CIS Oil & Gas Summit, Paris, Jun '06; 3rd Annual Russian & CIS Oil & Gas Investment Forum, London, Nov '05; CNN interview, Nov '05; Organized and presented high-yield investment seminar in 12 cities, 1995-96; BBC World Service commentator, 1996.