



## Curriculum Vitae

Ted Coombs is a technologist with experience in software development, credit card fraud detection, information security, electronic commerce, search engine optimization, forensic software analysis, Internet and Internet applications, and telecommunications. Ted Coombs has significant experience in the publishing industry, having published 14 books, edited magazines and written many trade publication articles.

### Alohilani Orchids 2009

Business consultant and manager for a Hawaii wholesale orchid nursery. Developed Web content, set up corporation, manage business.

### Risk Mitigate 2009

Partner in the development of credit card fraud risk mitigation systems. Creator of the Risk Score program. Technology developed using PHP, CSS, MySQL

### Independent Emerging Technology Consultant 2006 - Present

Provide forward-looking analyses of emerging technologies and scientific developments for investors, and businesses. Create business scenarios, analyze technologies and intellectual property. Creator of Future News Network [www.futurenewsnetwork.com](http://www.futurenewsnetwork.com), SLIRM.com, and Wikhistory.com. Technologies developed using ASP.NET, PHP, CSS and MySQL.

### PivX Solutions – 2004 – Present

Formerly VP of Professional and Forensic Services

Currently Contract Intellectual Property and Forensics Expert

Software patent mining and infringement consulting

Formerly directed international teams of infosec QA researchers and forensic investigators providing civil and criminal computer investigation. Provide expert consulting services and testimony. Provide expert forensics evidence examination.

### Forensics.org - 1995 - 2004

Forensic Computer Scientist and Independent Software Consultant

Provide expert software, hardware and data analysis of computer systems and electronic platforms to provide expert testimony. I also provide expert technology consulting in litigation matters. I have provided both criminal and civil expert consulting using the latest forensic tools and knowledge of intellectual property.

As part of Forensics.org I am part of a team that acts as a data security coordinator as provided by an IETF draft 2-2002. In this position I evaluate computer vulnerabilities submitted to Forensics.org for coordination with vendors and security reporting agencies. We research the vulnerability and coordinate security reporting, instruct vendors on the nature of the vulnerability and coordinate vulnerability resolution.

Developed sample programs as a contractor for Borland. Developed sample programs for dBASE for Windows and Delphi. Wrote first book on dBASE for Windows.

### Digital Marketplace, Inc. - 1999 - Present

Director and Chief Technologist

Innovate, develop and maintain electronic commerce and Internet payment processing systems including the Digital Marketplace, PayFort.com payment processing system.



SCIENCE.ORG, Non-profit Research Institute - 1995 - 2003

Director and Research Scientist

Consult, develop products, give seminars, teach classes and publish in the areas of computer science, forensic software analysis, forensic electrical engineering. Design and develop e-commerce applications. Technologies developed in C++, C, Informix, Sybase, PowerBuilder.

Borland International 1994

Computer Consultant

Wrote dBASE for Windows sample programs for dBASE development team.

Wrote Delphi sample programs for Delphi development team.

Pacific Knowledge 1990-1993

President and Computer Scientist

Developed network management software for the wireless telecommunications industry.

Project leader over the design of the South Korean cellular telephone network for Pacific

Telesys, now Verizon Wireless. Began research into emerging technologies such as

Virtual Reality. Engineered solutions for petroleum-based sea water contamination.

Technologies developed in C, C++, PowerBuilder.

Independent Consultant 1985-1990

Provided contract programming services to PG&E in their corporate offices in San Francisco. In this capacity I designed and developed software systems that managed contracts and power trading applications, including wheeling and billing. Programs developed in dBASE.

Provided contract programming to University Hospitals of Cleveland and Cleveland Clinic Foundation. Programs developed in dBASE, Clipper, Foxpro and Pascal.

Engineered laser and robotic systems wrote medical software, developed artificial intelligence programs, and performed research in forensic anthropology.

Cleveland Clinic Foundation 1982-1985

Medical Software developer, developed hundreds of database programs, patient registries, risk analysis programs, and physician education programs. Programs developed in dBASE and Clipper.

### **Publications - Books**

*Banyan Drive, The Stories of Incredible People*, Coombs

*Google Power Tools Bible*, Wiley

*Visual Basic .NET Programming*, Delmar Thomson

*C# .NET Programming*, Delmar Thomson

*Basic Home Networking*, Delmar Thomson

*1001 Visual Basic Programmer's Tips*, Jamsa Press

*ICQ FYI*, Muska & Lipman Publishing

*Setting Up an Internet Site for Dummies*, 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> editions IDG Books

*ActiveX Sourcebook*, John Wiley & Sons

*Netscape Livewire Sourcebook*, John Wiley & Sons

*PowerBuilder 4 Programming for Dummies*, IDG Books

*PowerBuilder Power Toolkit*, Ventana

*dBASE 5 for Windows Programming for Dummies*, IDG Books



## **Publications - Journals**

### *ActiveWeb Developer*

Contributor

An Introduction to Directory Services - October 2001

Basic LDAP - November 2001

### *Byte Magazine*

e-Business columnist

Latest columns:

Instant Messaging - October 1999

Check By Internet Requires No Checking - September 6, 1999

How to Accept Credit Cards on Your Website - August 2, 1999

The Old Grey DBMS Ain't What it Used To Be - July 5, 1999

Nigerian Bank Fraud Scam Lives On - July 12, 1999

Netsourcing Your Apps - June 21, 1999

No More Spam - April 5, 1999

### *Java Developer's Journal*

Creator and Founding Editor

Interview with Kim Polese - Summer 1996 Preview Edition

Message from the Editor

### *MSDN Magazine (formerly Microsoft Internet Developer)*

Associate Editor and technical contributor

Order Processing on Your E-Commerce Site August 1999

Colocating Your Web Server With an ISP to Simplify Maintenance June 1999

Creating a Virtual Server with Java Sockets

Site Builder Series Part 1 - Getting Connected

Site Builder Series Part 2 - How to Setup Dedicated Internet Access for Your Site

Site Builder Series Part 3 - The Software on the Server

Active Streaming Format with Microsoft Netshow

### *PowerBuilder Developer's Journal*

Contributing columnist

Internet Programming Using PowerBuilder and WinSock 1.1

by Jason Coombs and Ted Coombs

December, 1995 Volume 2 Issue 11

The Cutting Edge: PowerBuilder & Java

by Jason Coombs and Ted Coombs

January, 1996 Volume 3 Issue 1

The Cutting Edge: PowerBuilder & Netscape

by Jason Coombs and Ted Coombs

February, 1996 Volume 3 Issue 2

### *ActiveX Press*



Contributing columnist  
ActiveX and Java: Two Roads to the Same Destination  
by Ted Coombs and Jason Coombs  
November, 1996

### **Publications - Papers**

Developing a Microcomputer-based Patient Registry  
Coombs & Chillcote Journal of Medical Systems and Informatics

*WinSock Programming with PowerBuilder*  
Proceedings, PowerBuilder User Conference 1995

Aging the Johns-Hopkins Fetal Skull Collection  
Coombs (currently unpublished)

### **Conferences**

PowerBuilder User Conference, Orlando, Florida 1995  
Invited Speaker: *WinSock Programming with PowerBuilder*

Featured Speaker, Powersoft Corporation's "Night at the Net" corporate event 1995

### **Seminars Given**

Java for the 21<sup>st</sup> Century Manager  
October 1996, Delhi, Bangalore, Madras and Bombay India.

Advanced Java Programming Workshop  
October 1996, Delhi, Bangalore, Madras and Bombay India.

The Truth About Electronic Wallet Technology  
March 2000, Las Vegas, NV

### **Special Projects**

Developed the first class material for the Intel and Microsoft WinSock 2.0 programming class.

### **Education**

El Camino College - General Education  
Austin Community College - General Education  
Mt. San Jacinto College - General Education  
St. John's Seminary - Philosophy  
St. Edwards University - Philosophy  
Cleveland State University - Physical and Forensic Anthropology  
University of California San Diego - Virology  
California State University San Marcos - Special Major, Anthropology and Computer Science  
Diablo Valley College - Drama  
Spectra Physics - Advanced Course in High Powered Laser Systems  
Stardust Technologies - WinSock 2 Programming  
Hilo Adult Education - American Sign Language

### **Society Memberships**

The Society of Payment Security Professionals (current)